

Arlington High School Building Committee

Meeting Date: Tuesday, March 1, 2022, 6:00 p.m.
Location: Conducted via Remote Participation

- ❖ Skanska Update
 - ◆ Consigli Change Order #11 Approval
- ❖ Consigli Update
- ❖ Subcommittee Reports
 - ◆ Communications
 - ◆ Finance
 - ◆ Interiors
 - ◆ Landscape & Exteriors
 - ◆ Memorials
 - ◆ SMEFPF
 - ◆ Security
 - ◆ Temp Use-Phasing
- ❖ Meeting Minute Approval
 - ◆ February 1, 2022

The listings of matters are those reasonably anticipated by the Chair which may be discussed at the meeting. Not all items listed may in fact be discussed and other items not listed may also be brought up for discussion to the extent permitted by law.

Members of the public are asked to send written comment to kfitzgerald@arlington.k12.ma.us. Documents regarding agenda items will be made available via the Town's website.

<https://www.mass.gov/doc/open-meeting-law-order-march-12-2020/download>

Topic: AHS Building Committee Meeting

Time: Mar 1, 2022 06:00 PM Eastern Time (US and Canada)

Join Zoom Meeting

<https://town-arlington-ma-us.zoom.us/j/83149717617>

Meeting ID: 831 4971 7617

Passcode: 789129

One tap mobile

+13017158592,,83149717617# US (Washington DC)

+13126266799,,83149717617# US (Chicago)

Dial by your location

+1 301 715 8592 US (Washington DC)

+1 312 626 6799 US (Chicago)

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+1 669 900 6833 US (San Jose)

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

+1 408 638 0968 US (San Jose)

Meeting ID: 831 4971 7617

Find your local number: <https://town-arlington-ma-us.zoom.us/j/kd3VQAryc>



Change Order (CO)

NO: 11

Date of Issuance:

15-February 2022

Project:	Arlington High School	Contract For:	New Construction
Address:	869 Massachusetts Avenue, Arlington MA	Contract Date:	June 26, 2019
Owner:	Town of Arlington		
Address:	730 Massachusetts Avenue Arlington, MA 02476	Project ID:	
From:	HMFH Architects, Inc	To:	Consigli Construction Co., Inc.
Address:	130 Bishop Allen Drive, Cambridge MA 02139	Address:	72 Summer Street, Milford MA

Items included in this Change Order:	Cost:
CR 147.1 FP at Makerspace woodshop ductwork.	\$ 53,397.73
CR 243A Subcontractor cost associated with provisions for utilizing permanent heat via temp power services for Phase 1	\$ 44,524.94
CR 317R1 ASI-187 Misc Steel Revisions Bldgs A,B,C (Phase 2.3).	\$ 4,152.76
CR 323 RFI-582 Add Electric Boiler Emergency Disconnect Switch (T&M).	\$ 6,443.10

Change Order Total: \$ 108,518.53

THE CONTRACT IS CHANGED AS FOLLOWS:	
Original Contract Sum was:	\$234,287,347.00
Net change by previously authorized Change Order was:	\$ 820,323.74
Contract Sum prior to this Change Order was:	\$235,107,670.74
Contract Sum will be (increased) (decreased) by Change Order in the amount of:	\$ 108,518.53
New Contract Sum including this Change Order will be:	\$235,216,189.27
Contract Time will remain unchanged .	
Date of Substantial Completion as of the date of this Change Order therefore is:	02/14/2022 (Phase 1) 09/19/2023 (Phase 2) 09/18/2024 (Phase 3) 04/25/2025 (Final-Site)

NOTE: This Change Order does not include changes in the Contract Sum, Contract Time or Guaranteed Maximum Price, which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Architect HMFH Architects, Inc. 130 Bishop Allen Drive. Cambridge, MA	Owner's Project Manager Skanska USA Building, Inc. 101 Seaport Boulevard, Suite 200 Boston, MA 02210	Construction Manager Consigli Construction Co., Inc. 72 Summer Street Milford, MA 01757
		
BY (Signature) Arthur Duffy	BY (Signature) Jim Burrows	BY (Signature) John LaMarre
02/15/2022		
Date	Date	Date

Town Manager Adam Chapdelaine 730 Massachusetts, Avenue Arlington MA, 02476		
BY (Signature) Adam Chapdelaine	BY (Signature)	BY (Signature)
Date	Date	Date

Attachments:	Consigli CR's 147.1, 243A, 317R1, 323	
Distribution:	<input checked="" type="checkbox"/> Owner – Adam Chapdelaine	<input checked="" type="checkbox"/> Architect – Arthur Duffy, Lori Cowles HMFH Architects, Inc.
	<input checked="" type="checkbox"/> OPM – Jim Burrows, Sy Nguyen, Hal Raymond, Victoria Clifford Skanska USA Building, Inc.	<input checked="" type="checkbox"/> Contractor – John LaMarre, Todd McCabe, Chris Weber, David Dockendorf Consigli Construction Co., Inc.
	<input checked="" type="checkbox"/> Field – C. McWilliams, T. DeRosa Consigli Construction Co, Inc.	<input type="checkbox"/> Other–



Change Request

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR147.1
Date: 5/28/21
Job: 2153 Arlington High School
Phone:

Description: CCD-023 - FP at Makerspace Ductwork (FP Costs Only)_Sub. 012422

Source: CCD

We offer the following specifications and pricing to make the changes as described below:

****CR147.1 includes revised Delta Mechanical pricing only in response to HMFH CR147 comments. CR147.1 has been issued to capture fire protection costs only. Costs associated with HVAC, Electrical, and Drywall scope were previously submitted and approved under CR147.**

CR147 includes costs associated with CCD-023 - Additional Fire Protection at Makerspace Ductwork dated 5/27/21 issued by HMFH. Per CCD-023, additional sprinkler protection is required at the ductwork/riser for the dust collection and spray booth systems in order to be code compliant. Please see scope summary below and attached associated backup for additional information.

Fire Protection - Delta Mechanical:

- F&I Dry sprinkler coverage and riser in all new dust collection and spraybooth exhaust ductwork
- F&I Spill to exterior (east)
- F&I Heat Trace & Insulation L5/Roof level

Assumptions & Qualifications:

- Costs associated with overtime/acceleration are not included.
- Costs associated with out of sequence painting are not included
- Costs associated with out of sequence above ceiling access/ tile removal/replacement are not included.
- CCC has proceeded with this change in accordance with CCD direction

Description	Labor	Material	Equipment	Subcontract	Other	Price
Delta Mechanical - PCO#001R2 dated 1/11/22				\$49,882.27		\$49,882.27
					Subtotal:	\$49,882.27
			Bond (.75%)	\$49,882.27		\$374.12
			General Liability (1.2%)	\$49,882.27		\$598.59
			Subguard (1.4%)	\$49,882.27		\$0.00
			OH&P (5% subs, 10% self perform)	\$50,854.98		\$2,542.75
					Total:	\$53,397.73

- ☐ SCHEDULE IMPACT
- ☒ We have proceeded with this change to achieve schedule.
- ☐ As directed, we will not proceed with this change until formal direction from OWNER is received.



Change Request

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR147.1
Date: 5/28/21
Job: 2153 Arlington High School
Phone:

ARCHITECT

Consigli Construction Co., Inc.

CONTRACTOR
72 Sumner Street
Milford, MA 01757

OWNER

(Signature)

Arthur Duffy

By

02/14/2022

Date

(Signature)

John LaMarre

By

2/10/22

Date

(Signature)

Jim Burrows

By

2/15/2022

Date

From: Weber, Chris
Sent: Tuesday, July 6, 2021 9:43 AM
To: Arthur Duffy; Jim Burrows; Nguyen, Sy; Raymond, Hal
Cc: Clifford, Victoria; McWilliams, Chuck; Rockwood, David; Dockendorf, David; LaMarre, John; Samya, Kevin
Subject: RE: NOC - CCD 023 FP at Makerspace ductwork_CR147

All,

We have all pricing compiled associated with CR147 - CCD-023 – FP at makerspace ductwork, current ROM value is \$65,000. See below for breakdown:

- Delta Mechanical (Fire Protection) \$51,000
- Colony Drywall (Remob for Shaft Completion) \$3,500
- PJ Kennedy (Ductwork modifications/Additions) \$2,100
- WJGE (Heat Trace) \$3,5000

As advised previously, as these changes were issued as a CCD we have proceeded with the work as designed. Formal CR submission to follow.

Thanks and let me know if you have any questions.
Chris

From: Weber, Chris
Sent: Friday, May 28, 2021 11:44 AM
To: Arthur Duffy <aduffy@hmfh.com>; Jim Burrows <jim.burrows@skanska.com>; Nguyen, Sy <Sy.Nguyen@skanska.com>; Raymond, Hal <hal.raymond@skanska.com>
Cc: Clifford, Victoria <Victoria.Clifford@skanska.com>; McWilliams, Chuck <cmcwilliams@consigli.com>; Rockwood, David <drockwood@consigli.com>; Dockendorf, David <ddockendorf@consigli.com>; LaMarre, John <JLaMarre@consigli.com>; Samya, Kevin <ksamya@consigli.com>
Subject: RE: NOC - CCD 023 FP at Makerspace ductwork_CR147

All,

We are in receipt of CCD-023 – FP at Makerspace Ductwork, dated 5/27/21. We have directed subcontractors to proceed and are currently reviewing for cost/schedule impacts. Rough list of current known impacts below:





- Shaft wall construction on L5/4/3 is currently ongoing, however we have instructed Colony to stop work at these locations at this time in order to provide access to shaft/duct riser. Remobilization costs will be incurred for Colony to return to these rooms to complete/close shaft wall assembly upon completion of FP work.
- Heat trace controller to be wired to 427A below
- Sprinkler Drain in woodshop to east façade – exterior sheathing/AVB complete on east elevation. Patching required
- Added FP heads in spray booth ex. Duct – duct fabricated. Penetrations to be field cut

Lead times are being reviewed for FP control valves, heat trace controller, etc. for installation schedule associated with above ceiling work.

We will follow up with ROM cost and additional schedule information. We have assigned CR147 for this scope.

Thanks and please let me know if you have any questions.
Chris



Chris Weber
Project Manager
m: 774.573.4072
    consigli.com

From: Arthur Duffy <aduffy@hmfh.com>
Sent: Thursday, May 27, 2021 8:53 AM
To: Weber, Chris <cweber@consigli.com>; Dockendorf, David <ddockendorf@consigli.com>; LaMarre, John <JLaMarre@consigli.com>; Rockwood, David <drockwood@consigli.com>; McWilliams, Chuck <cmcwilliams@consigli.com>; Samya, Kevin <ksamya@consigli.com>; Martino, Scott <smartino@consigli.com>
Cc: Jim Burrows <jim.burrows@skanska.com>; Nguyen, Sy <Sy.Nguyen@skanska.com>; Raymond, Hal <hal.raymond@skanska.com>; Clifford, Victoria <Victoria.Clifford@skanska.com>; Lori Cowles <lcowles@hmfh.com>; Alan Pemstein <apemstein@hmfh.com>; Gilbert Castera <GC@bala.com>
Subject: CCD 023 FP at Makerspace ductwork

All, Attached is a CCD for adding sprinkler protection at the Ductwork associated with the Makespace dust collection and paint spray booth. Associated electrical for heat trace.
This is a code required need driven by the size of the ductwork.

I understand GWB is in progress, so this particular duct shaft will need to be left open for the installation of the sprinklers.

Also, there is a deletion of the dry-head system that fed to the soffit overhang. This had previously been annotated on the Fire Protection MEPFP drawing.

Arthur Duffy AIA
Senior Associate | 617 844 2130

HMFH ARCHITECTS
130 Bishop Allen Drive, Cambridge, MA 02139 | 617.492.2200
web | [twitter](https://twitter.com) | [facebook](https://facebook.com) | [linkedin](https://linkedin.com)



2153

CCC - CR147.1

PCO #001

Delta Mechanical Contractors, LLC
44 Wilclar Street
Warwick, Rhode Island 02886
Phone: 401-737-3500

Project: 21060 - Arlington High School
869 Massachusetts Avenue
Arlington, Massachusetts 02476

Prime Contract Potential Change Order #001: CCD 23 Duct Sprinklers

TO:	Consigli Construction Co., Inc. 72 Sumner Street Milford, Massachusetts 01757	FROM:	Delta Mechanical Contractors, LLC 44 Wilclar St Warwick, Rhode Island 02886
PCO NUMBER/REVISION:	001 / 0	CONTRACT:	FSC-2153-015 - Arlington High School Prime Contract
REQUEST RECEIVED FROM:		CREATED BY:	Frederick Pucillo III (Delta Mechanical Contractors, LLC)
STATUS:	Pending - In Review	CREATED DATE:	6/29/2021
REFERENCE:		PRIME CONTRACT CHANGE ORDER:	None
FIELD CHANGE:	No		
LOCATION:		ACCOUNTING METHOD:	Amount Based
SCHEDULE IMPACT:		PAID IN FULL:	No
EXECUTED:	No	SIGNED CHANGE ORDER RECEIVED DATE:	

POTENTIAL CHANGE ORDER TITLE: CCD 23 Duct Sprinklers

CHANGE REASON: GC Request

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*

CE #001 - CCD 23 Sprinklers in Dust Collectors
Add Sprinklers in Duct per CCD 23

Updated to include Engineer's Markups

ATTACHMENTS:

CCD 23 Material Backup.pdf

#	Budget Code	Description	Amount
1	20-15-305.S FP - Engineering.Subcontractor	Engineering / Coordination	\$5,300.00
2	20-15-310.M FP - Pipe/Valves/Fittings.Materials	Sprinkler Material	\$16,293.61
3	20-15-310.L FP - Pipe/Valves/Fittings.Labor	Foreman Labor 76 @ 139.09	\$10,570.84
4	20-15-310.L FP - Pipe/Valves/Fittings.Labor	Journeyman Labor 76 @ 133.31	\$10,131.56
5	20-15-710.M Misc. Attachments - FP.Materials	Overhead and Profit	\$2,652.72
6	20-15-710.M Misc. Attachments - FP.Materials	Heat Trace	\$2,033.54
7	20-15-710.M Misc. Attachments - FP.Materials	Insulation	\$2,900.00
Grand Total:			\$49,882.27

Consigli Construction Co., Inc.
72 Sumner Street
Milford, Massachusetts 01757

Delta Mechanical Contractors, LLC
44 Wilclar St
Warwick, Rhode Island 02886

SIGNATURE

DATE

SIGNATURE

DATE

SIGNATURE

DATE

DELTA MECHANICAL CONTRACTORS LLC
 RATE SHEETS
 SPRINKLERFITTER - LOCAL 550
 MASTER SHEET

FROM	3/1/2021	3/1/2021	3/1/2021
TO	9/15/2021	9/15/2021	9/15/2021
JOURNEYMAN	STRAIGHT WAGE	OVERTIME WAGE	DOUBLE TIME WAGE
BASE RATE	\$62.45	\$93.68	\$124.90
HEALTH & DENTAL INSURANCE	\$10.00	\$10.00	\$10.00
RETIREMENT PLANS	\$21.25	\$21.25	\$21.25
TRAINING FUND (APPRENTICE FUND)	\$1.06	\$1.06	\$1.06
LABOR MANAGEMENT COOP TRUST	\$0.10	\$0.10	\$0.10
INDUSTRY IMPROVEMENT FUND	\$0.35	\$0.35	\$0.35
	<u>\$32.76</u>	<u>\$32.76</u>	<u>\$32.76</u>
	\$95.21	\$126.44	\$157.66
SHIFT PREMIUM	0.00%	\$0.00	\$0.00
SHIFT PAY COST		<u>\$95.21</u>	<u>\$126.44</u>
			<u>\$157.66</u>
FICA	\$4.78	\$7.17	\$9.55
SUTA	\$6.43	\$9.65	\$12.86
FUTA	\$0.94	\$1.41	\$1.87
WORKERS COMPENSATION	\$3.49	\$5.24	\$6.98
GENERAL LIABILITY	\$3.99	\$5.99	\$7.98
VACATION / HOLIDAY / SICK	\$1.35	\$1.35	\$1.35
AUTO, UMBRELLA, PROPERTY INS ETC			
INCIDENTALS - TOOLS, EXPENDABLES			
TRAVEL EXPENSE	\$5.00	\$5.00	\$5.00
	<u>\$25.98</u>	<u>\$35.79</u>	<u>\$45.61</u>
	\$121.19	\$162.23	\$203.27
OVERHEAD AND PROFIT	10.00%	\$12.12	\$20.33
	<u>\$133.31</u>	<u>\$178.45</u>	<u>\$223.59</u>
BOND	0.00%	\$0.00	\$0.00
	<u>\$133.31</u>	<u>\$178.45</u>	<u>\$223.59</u>
FOREMAN (1-6 FITTERS)	STRAIGHT WAGE	OVERTIME WAGE	DOUBLE TIME WAGE

C+D Fire Sprinkler Design, LLC
33 Ogden Avenue
Warwick, RI 02889
623-826-8291
Dave Evans
Email: dave.evans@cdfiresprinklerdesign.com

Delta Mechanical Contractors, LLC
44 Wilclar Street
Warwick, RI 02886


January 11, 2022

Change Order - CCD #23 – Maker Space

Re: Arlington High School
Massachusetts Avenue
Arlington, Massachusetts

1. Costs associated with engineering, survey, drawing revisions, and As-Built drawings.
2. Provide material fabrication lists and installation drawings.

Our fee for scope of services as described above; \$5,300.00.

By: Fred Pucillo Signature:  Date: 1/11/22

2153

1. W. HESS Company
 3 Slater Road
 Cranston, RI 02920
 TEL# (401-463-3741)
 FAX# (401-463-4103)

Date
 01/11/22

Quote
 Number 74563608
 CCC - CR147.1

To:

DELTA MECHANICAL
 44 WILCLAR STREET

SAME
 44 WILCLAR STREET

WARWICK RI 02886-6917

WARWICK, RI 02886-6917

(401-737-3500) Fax# (401-737-3518)

Cust #	Customer Po#	Rel#	Writer	Date Req
96234	ARLINGTON CCD 23		SYH	01/11/22
				PAGE 1 OF 1

Quoted By: STEVE HARWOOD

Quantity	Description	Net Price	Exten	Ln#

15	#FLEXIBLE DRY DUCT SPRINKLE + VICVQD (S4121457)	749.900	11248.50	(1)
52	PIPE LW BLK CS 2-1/2"x21' S10 A135 GR PIPE IS LW GRV X GRV D/P212LW (49060)	10.256	533.31	(2)
147	PIPE BLK CS 2"x21' S40 A53 PE 0.154" D/P2BPE (45504)	11.164	1641.15	(3)
42	PIPE GALV CS 1-1/2"x21' S40 A53 T&C D/P112GTC (45495)	13.737	576.94	(4)
2	* BFV UL/FM W/TMPR GRVxGRV 2-1/2" DI BU VIC705-212SOD (90736)	294.880	589.76	(5)
6	* ELL FRLCK 90DEG 2-1/2" 001 DI GRV VIC001-212 (58762)	13.090	78.54	(6)
2	* ELL FRLCK 45DEG 2-1/2" 003 DI GRV VIC003-212 (58768)	13.090	26.18	(7)
24	* CPLG FRLCK-EZ RGD 2-1/2" GRV DI ORG 0 VIC009-212 (283905)	15.500	372.00	(8)
22	* CPLG FRLCK-EZ RGD 2" GRV DI ORG 009N VIC009-2 (283904)	13.530	297.66	(9)
2	VLV 2-1/2" GXG UMC ASSY W/HOS VICY0317809RH (848431)	561.200	1122.40	(10)
-28	PIPE BLK CS 1-1/4"x21' S40 A53 PE 0.1 D/P114BPE (45533)	3.898	-109.15	(11)
2	SPRK HD REC DRY PNDNT 155F QR CP 18" VICS363BCQ046 (266252)	83.680	167.36	(12)
-3	SPRK HD REC DRY PNDNT 155F QR CP 18" VICS363BCQ046 (266252)	83.680	-251.04	(13)

Sub Total: 16293.61

Total: 16293.61

*** NUMBER OF DAYS QUOTE VALID IS 15 ***

PLEASE REFERENCE QUOTE # 74563608 FOR INQUIRIES OR ORDER OF ABOVE MATERIAL

+ THIS PRODUCT IS A SPECIAL ITEM. RESTOCKING FEES MAY APPLY.



21538
EMERSON SWAN

A Swan Group Company

300 POND STREET RANDOLPH, MA 02368
PHONE 781-986-2555 FAX 781-986-2027

To: FRED PUCILLO
DELTA MECHANICAL

WARWICK, RI
F.PUCILLO@DELTAMECHLLC.COM

FIRE PROTECTION CABLE

APPLIED PRODUCTS QUOTE

CCC-CR147-1

QUOTE NUMBER	REVISION DATE	DUE DATE
2021-234169-1	7/15/2021	11/9/2020
JOB AND LOCATION		
ARLINGTON HIGH SCHOOL		
ARLINGTON, MA		
PREPARED BY	ENGINEER	
DAN KELLEY	BALA CONSULTING ENGINEERS, INC.	
LEAD TIME	TERMS	FREIGHT
	NET 30*	PC

NVENT THERMAL LLC (PENTAIR RAYCHEM)

QTY	DESCRIPTION	UNIT PRICE	EXT. PRICE
50	5XL2-CR 25 208-277V HEAT CABLE 5WTS/FT	\$8.42	\$421.00
1	RAYCLIC-PC RAYCLIC POWER KIT/END SEAL	\$98.31	\$98.31
1	465 CONTROLLER FIRE PROTECTION CONTROLLER	\$1,205.57	\$1,205.57
1	GT-66 GLASS TAPE 66FT/ROLL	\$9.26	\$9.26
5	ETL LABEL, ELECTRIC TRACED	\$1.98	\$9.90
1	OPTIONAL START UP/TRAINING	\$500.00	\$500.00
<p>** 3% PRICE INCREASE SCHEDULED FOR SEPTEMBER 1ST ***</p> <p>NOTE: ALL RAYCHEM JOB QUOTES REFLECT EITHER INDIVIDUAL UNIT PRICING OR ESTIMATED QUANTITY PRICING DEPENDING ON THE DETAILED INFORMATION AVAILABLE ON THE PROJECT. AT NO TIME SHOULD THIS QUOTATION BE CONSIDERED A 'NOT TO EXCEED' OR GUARANTEED MAXIMUM PROPOSAL. WE WILL WORK WITH EVERY CUSTOMER TO PROVIDE THE MOST DETAILED TAKEOFF AND DESIGN LAYOUTS POSSIBLE FOR THIS PROJECT AFTER RECEIPT OF A PURCHASE ORDER COMMITTING TO THE PROJECT.</p> <p>***** ALL CABLES MUST BE PURCHASED IN 25 FT INCREMENTS *****</p> <p style="text-align: right;">- 210.50</p>			
TOTAL			\$2,244.04

PLEASE NOTE: ANY PO PLACED THAT IS EXEMPT FROM TAX MUST INCLUDE THE TAX EXEMPT CERTIFICATE AT TIME OF ORDER

PLEASE REFERENCE OUR QUOTE NUMBER ON ALL CORRESPONDENCES.

SELLER SHALL NOT BE LIABLE IF MATERIAL QUOTED IS NOT APPROVED, NOR FOR QUANTITIES OTHER THAN LISTED ABOVE. PRICES DO NOT INCLUDE ANY TAXES.

ALL PRICES ARE SUBJECT TO REVIEW THIRTY (30) DAYS FROM DATE OF QUOTE.

*TERMS CONDITIONAL UPON CREDIT APPROVAL

Proposal

VIKING INDUSTRIES, INC.

Commercial - Industrial Insulation
P. O. Box 32
BARRINGTON, RHODE ISLAND 02806
(401) 246-1855
(401) 246-1366 FAX

Proposal submitted to:		Phone	Date
DELTA MECHANICAL			08/18/21
Street		Job Name	
		ARLINGTON HIGH SCHOOL	
City, State And Zip Code		SPRINKLER PIPING	
		ARLINGTON, MA	
Attention:	Date of Plans		Job Phone
FRED PUCILLO	5/21/21 & 11/30/20		

TO SUPPLY AND INSTALL INSULATION ON THE SYSTEM(S) **SPRINKLER**
AT THE ABOVE STATED PROJECT. Includes Addenda's **N/A**

PRICE TO INSULATE SPRINKER PIPING PER FRED'S EMAIL, ON PAGES
SKFP 03, & FP1.2.4

PRICE TO INSULATE SPRINKLER PIPING ON ROOF, AND TEMPORARY
BRIDGE, PER DRAWINGS SKFP 03 AND FP 1.2.4

PIPE ON ROOF TO HAVE 2" THICK FIBERGLASS PIPE INSULATION,
JACKETED WITH ALUMINUM JACKET
PIPE IN TEMPORARY BRIDGE TO BE INSULATED WITH 1 1/2" FIBERGLASS
PIPE INSULATION, WITH AN ASJ/SSL JACKET

BREAKOUT AS FOLLOWS:

BRIDGE WORK:

ROOF WORK:

TOTAL:

\$2,900.00

NOTE: This quote is based on material pricing at time of quote and availability when required. For more
information please call. Thank You.

We propose here by to furnish material and labor - complete in accordance with above specifications, for the sum of
******SIX THOUSAND ONE HUNDRED DOLLARS AND 00******

Payment to be made as follow

THIRTY DAYS AFTER BILLING DATE

All Material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration of deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Viking Industries, Inc.

Authorized Signature

Leonard E. Carlson

Leonard E. Carlson, President

We do not guarantee against mold growing.

Note: This proposal may be withdrawn by us if not accepted within Seven (7) Days

Bid subject to reasonable terms and conditions pursuant to a written contract between the parties.

If this quote is used by a Contractor or Subcontractor as part of their quote to win a job, Viking Industries Inc. must be Notified (in writing) of the award
within One Working Day so Viking can have time to review the quote and Approve or Withdraw it.

Acceptance of Proposal -The above prices, specifications
and conditions are satisfactory and are hereby accepted. You are authorized
to do work as specified. Payment will be made as outlined above

Signature _____

Signature _____

Date of Acceptance: _____

BASE RATE		\$66.45	\$99.68	\$132.90
HEALTH & DENTAL INSURANCE		\$10.00	\$10.00	\$10.00
RETIREMENT PLANS		\$21.25	\$21.25	\$21.25
TRAINING FUND (APPRENTICE FUND)		\$1.06	\$1.06	\$1.06
LABOR MANAGEMENT COOP TRUST		\$0.10	\$0.10	\$0.10
INDUSTRY IMPROVEMENT FUND		\$0.35	\$0.35	\$0.35
		<u>\$32.76</u>	<u>\$32.76</u>	<u>\$32.76</u>
		\$99.21	\$132.44	\$165.66
SHIFT PREMIUM	0.00%	\$0.00	\$0.00	\$0.00
SHIFT PAY COST		<u>\$99.21</u>	<u>\$132.44</u>	<u>\$165.66</u>
FICA		\$5.08	\$7.63	\$10.17
SUTA		\$6.84	\$10.27	\$13.69
FUTA		\$1.00	\$1.50	\$1.99
WORKERS COMPENSATION		\$3.71	\$5.57	\$7.43
GENERAL LIABILITY		\$4.25	\$6.37	\$8.49
VACATION / HOLIDAY		\$1.35	\$1.35	\$1.35
AUTO, UMBRELLA, PROPERTY INS ETC				
INCIDENTALS - TOOLS, EXPENDABLES				
TRAVEL EXPENSE		\$5.00	\$5.00	\$5.00
		<u>\$27.24</u>	<u>\$37.68</u>	<u>\$48.12</u>
		\$126.45	\$170.11	\$213.78
OVERHEAD AND PROFIT	10.00%	\$12.64	\$17.01	\$21.38
		<u>\$139.09</u>	<u>\$187.12</u>	<u>\$235.16</u>
BOND	0.00%	\$0.00	\$0.00	\$0.00
		<u>\$139.09</u>	<u>\$187.12</u>	<u>\$235.16</u>



CHANGE REQUEST RESPONSE

DATE RECEIVED 5/28/21 **DATE RETURNED:** 11/2/21
TO: Arthur Duffy
 HMFH Architects
 130 Bishop Allen Drive
 Cambridge, MA 02139
FROM Gilbert Castera & J. Ryan Flynn
 Bala Consulting Engineers
RE: Arlington High School
 60-17-442
 Change Request CR147 (CCD-023)

We have reviewed Change Request CR147 (CCD-023) regarding adding sprinkler heads in ductwork issued in CCD-023. Our comments reside below.

We take no exception to the sheet metal labor or materials submitted to perform the work by the HVAC Contractor.

We noticed the following discrepancies with the list of materials and therefore we recommend that the FP portion of the proposal be adjusted accordingly.

1. Quantity of sprinklers is noted as (18) heads instead of (15) flex heads required.
2. Quantity of 2.5 inch sprinkler pipe is noted as 231 feet. It should be 100 feet or less. HMFH tallies 52'
3. Quantity of 2 inch sprinkler pipe is noted as 169 feet. It should be 100 feet or less.
4. Quantity of heat tracing is noted as 50 feet. It should be 20 feet or less.
5. Quantity of labor hours should be adjusted as required in accordance with the above noted discrepancies.

See color-coded
takeoff on
sketches within

2": HMFH tallies 192' added- less 45' deleted = 147'

1 1/4" pipe deleted (28') and three dry pendant heads- provide credit

The Contractor is responsible for all quantities and means and methods of construction for this project.

All unit pricing and contractor markups must comply with the bid forms and contracts with the Client.

Construction Change Directive (CCD)

CCC - CR147.1

NO:

023

Date of Issuance:

May 27, 2021

Project:	Arlington High School	Contract For:	New Construction
Address:	869 Massachusetts Avenue, Arlington, MA 02476	Contract Date:	June 26, 2019
Owner:	Town of Arlington		
Address:	730 Massachusetts Avenue, Arlington, MA 02476	Project ID:	408417
From:	HMFH Architects, Inc	To:	Consigli Construction Co., Inc
Address:	130 Bishop Allen Drive, Cambridge, MA 02139	Address:	Milford, MA

You are hereby directed to make the following change(s) in this Contract:

Addition of Sprinkler protection in dust collector and spray booth duct system. Associated electrical changes for heat trace. Deletion of dry-head system at floor overhang.

PROPOSED ADJUSTMENTS:

1. The proposed basis of adjustment to the Contract Sum or Guaranteed Maximum Price is:

- ☒ Lump Sum increase of \$ TBD
- ☐ Unit Price of \$ per
- ☐ On a Time & Materials Basis
- ☐ As follows:

RECEIVED
05/27/2021

2. The Contract Time shall **BE UNCHANGED**. Such an adjustment, if any, shall be 0 days from the date of Substantial Completion.

When signed by the Owner and Architect and received by the Contractor, this document becomes effective IMMEDIATELY as a Construction Change Directive (CCD), and the Contractor shall proceed with the change(s) described above.			Contractor signature indicates agreement with the proposed adjustments in Contract Sum and Contract Time set forth in this CCD.
HMFH Architects	Town of Arlington	Consigli Construction Co., Inc.	
ARCHITECT	Owner	Contractor	
130 Bishop Allen Drive	730 Massachusetts Avenue	72 Summer Street	
Cambridge, MA	Arlington, MA	Milford, MA	
ADDRESS	ADDRESS	ADDRESS	
BY (Signature)	BY (Signature)	BY (Signature)	
Arthur Duffy			
(Typed Name)	(Typed Name)	(Typed Name)	
DATE	DATE	DATE	

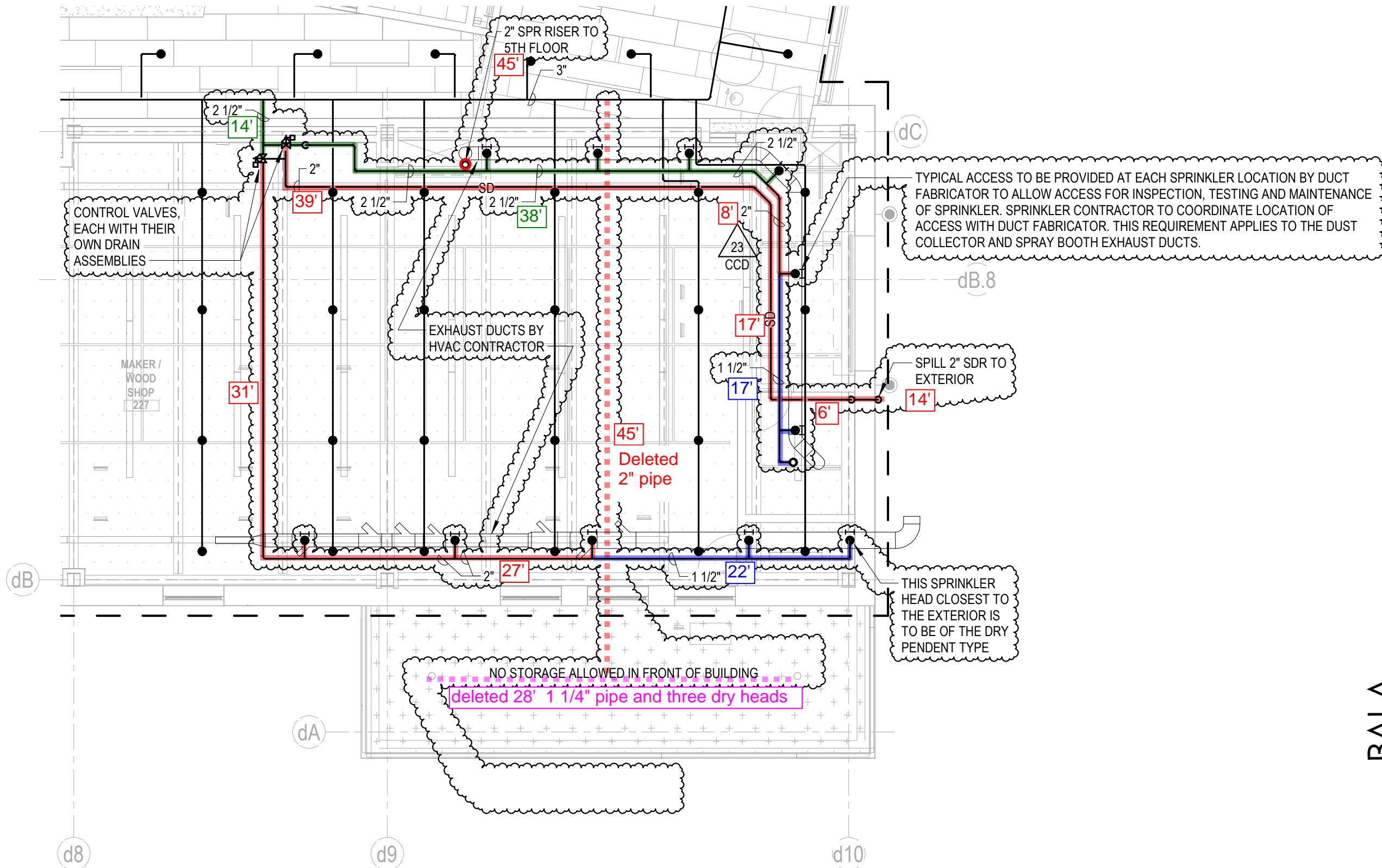
Attachments:	Sketches SKFP-01, SKFP-02, SKFP-03, SKE-015		
distribution:	<input checked="" type="checkbox"/> Owner – Adam Chapdelaine	<input checked="" type="checkbox"/> Architect – Arthur Duffy, Lori Cowles	
	<input checked="" type="checkbox"/> OPM – J Burrows, Sy Nguyen, H. Raymond	<input checked="" type="checkbox"/> Contractor – J. LaMarre, C. Weber, D. Dockendorf	
	<input checked="" type="checkbox"/> Consultant – Bala	<input checked="" type="checkbox"/> Field – C. McWilliams, D. Rockwood	

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05/27/2021

SCOPE NOTES:

1. REFER TO DRAWING FP2.4d FOR TYPICAL SPRINKLER BRANCH SIZES FOR BUILDING D.
2. PROVIDE SPRINKLER COVERAGE IN ALL NEW DUST COLLECTION & SPRAY BOOTH EXHAUST DUCTWORK 10 INCH IN DIAMETER OR LARGER. SPRINKLERS ARE TO ALL BE OF THE HIGH TEMPERATURE TYPE.

23
CCD



BALA
ENGINEERS

PHILADELPHIA / NEW YORK / BOSTON / BALTIMORE
ARCHITECTS / ENGINEERS / INTERIORS
STRUCTURAL / MECHANICAL / ELECTRICAL

HMFH ARCHITECTS

H M
F H

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

Arlington High School

FIRE PROTECTION LEVEL 2 AREA D REVISIONS

REF. DWG. FP 2.2d CCD-23

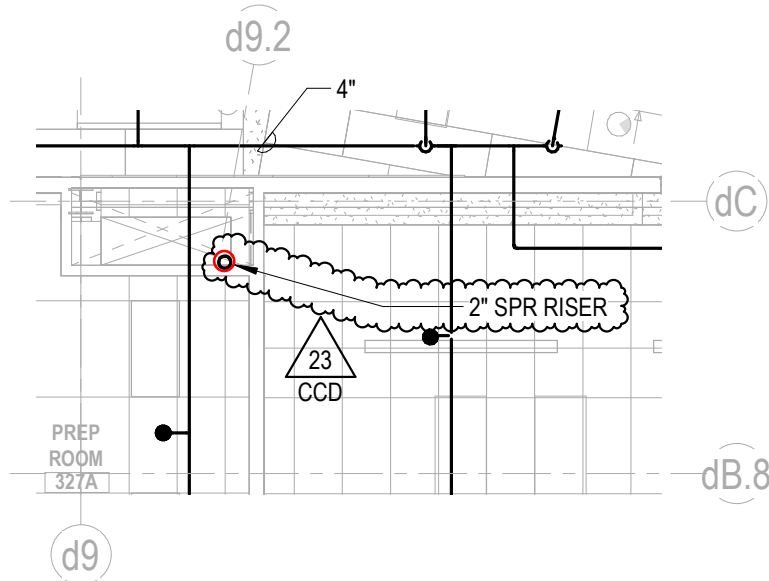
DRAWING NUMBER

SKFP
01

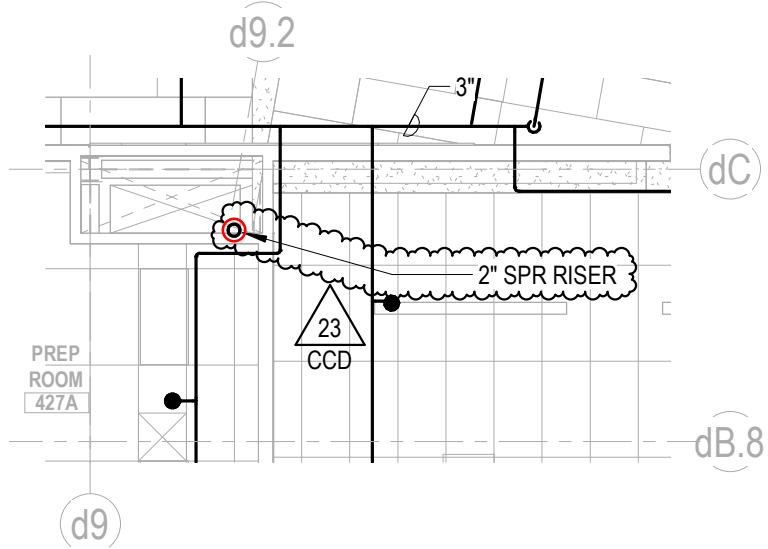
JOB NUMBER 6017442

SCALE: 1/8" = 1'-0" DATE: 05/21/21 DRAWN: WAL CHECKED: GC

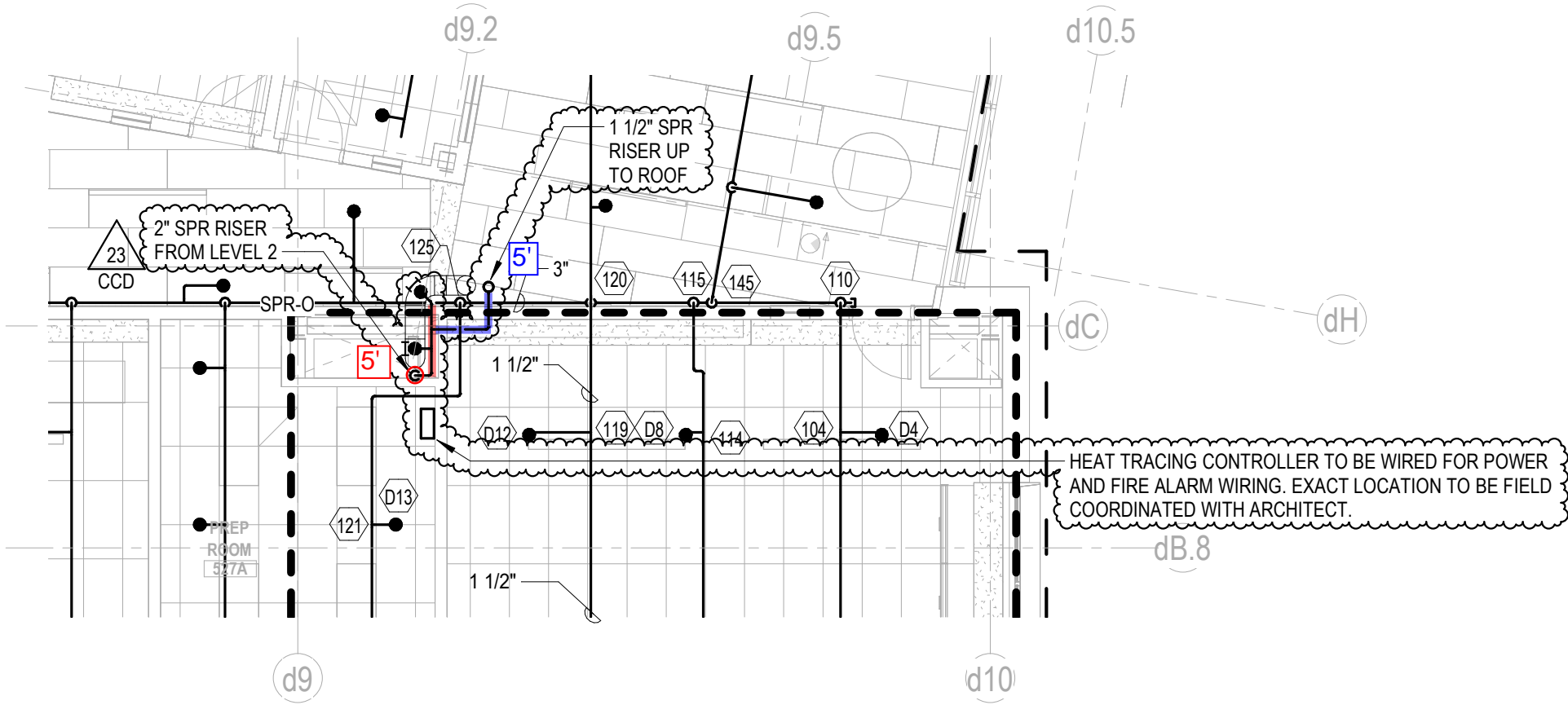
RECEIVED
05/27/2021



1 FIRE PROTECTION LEVEL 3 AREA D
1/8" = 1'-0"



2 FIRE PROTECTION LEVEL 4 AREA D
1/8" = 1'-0"



3 FIRE PROTECTION LEVEL 5 AREA D
1/8" = 1'-0"

REF. DWG. FP 2.3d, FP 2.4d, & FP 2.5d CCD-23

DRAWING NUMBER

SKFP
02

JOB NUMBER

Arlington High School
FIRE PROTECTION AREA D REVISIONS

BALA
ENGINEERS

PHILADELPHIA NEW YORK BOSTON BALTIMORE
INDIANAPOLIS CHICAGO SAN FRANCISCO
HOUSTON DALLAS LOS ANGELES SEATTLE

BALA CONSULTING ENGINEERS, INC.
57 TEMPLE PLACE
BOSTON, MA 02111-1308
TEL: 617.552.1200 FAX: 617.552.1188
WWW.BALA.COM

HMFH ARCHITECTS

H M
F H

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

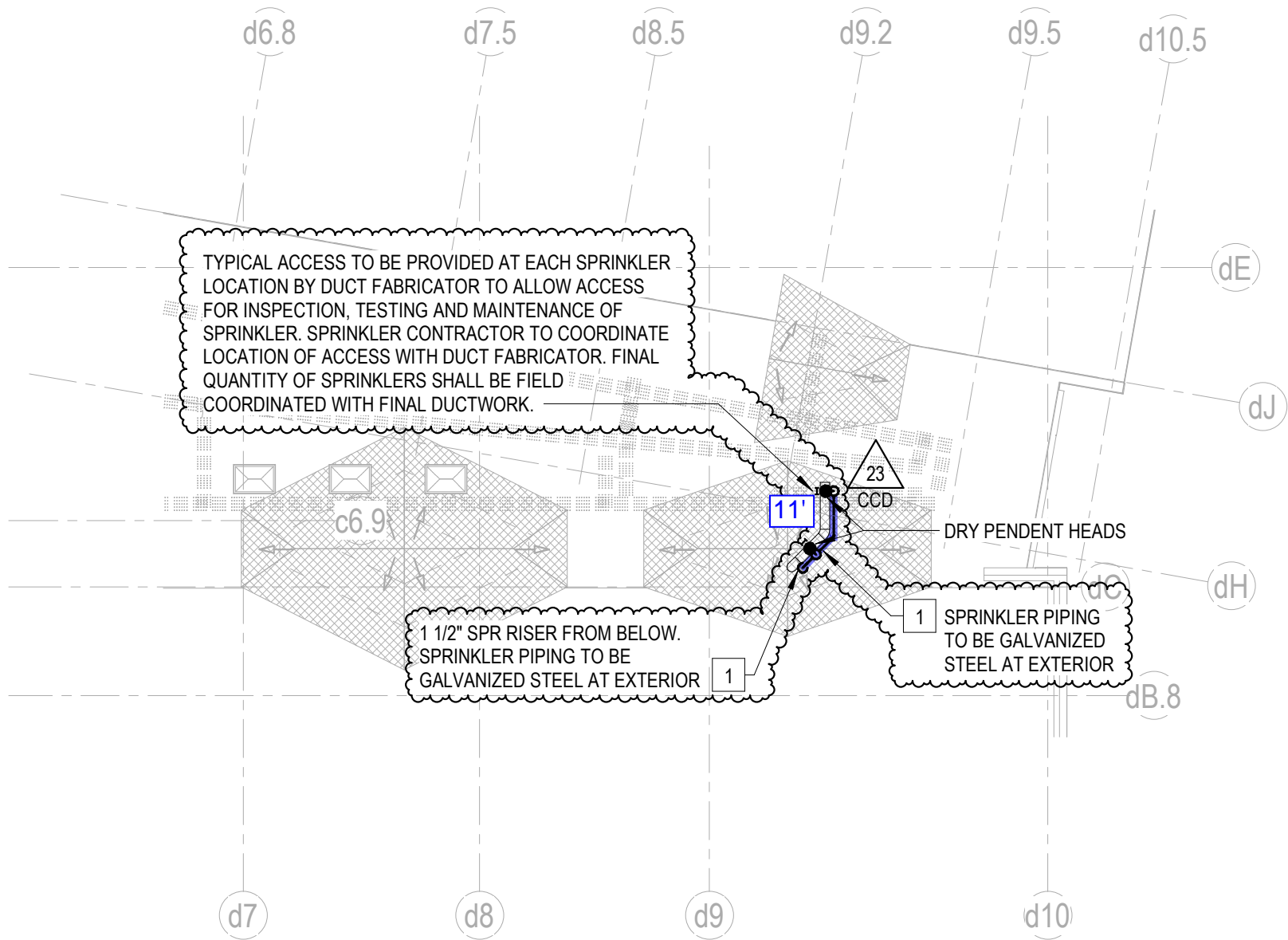
SCALE: 1/8" = 1'-0" DATE: 05/21/21 DRAWN: WAL CHECKED: GC

RECEIVED
05/27/2021

23
CCD

KEY NOTE:

- 1 HEAT TRACE AND INSULATE ALL EXTERIOR PIPING STARTING AT 5TH FLOOR CEILING.



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ARCHITECTS | ENGINEERS | INTERIORS
TECHNOLOGY | COMMUNITY

BALA CONSULTING ENGINEERS, INC.
57 TEMPLE PLACE
BOSTON, MA 02111-1308
TEL: 617.552.4200 FAX: 617.552.5188
WWW.BALA.COM

H M F H ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

H M
F H

Arlington High School

FIRE PROTECTION ROOF LEVEL REVISIONS

REF. DWG. FP 2.6 CCD-23

DRAWING NUMBER

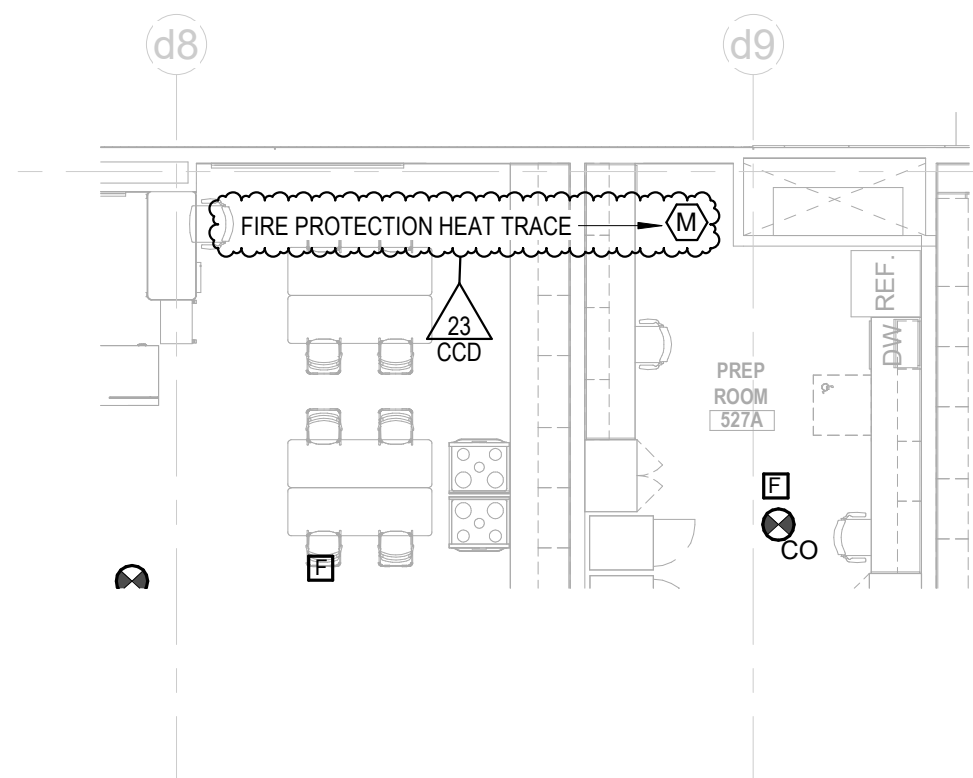
SKFP
03

JOB NUMBER

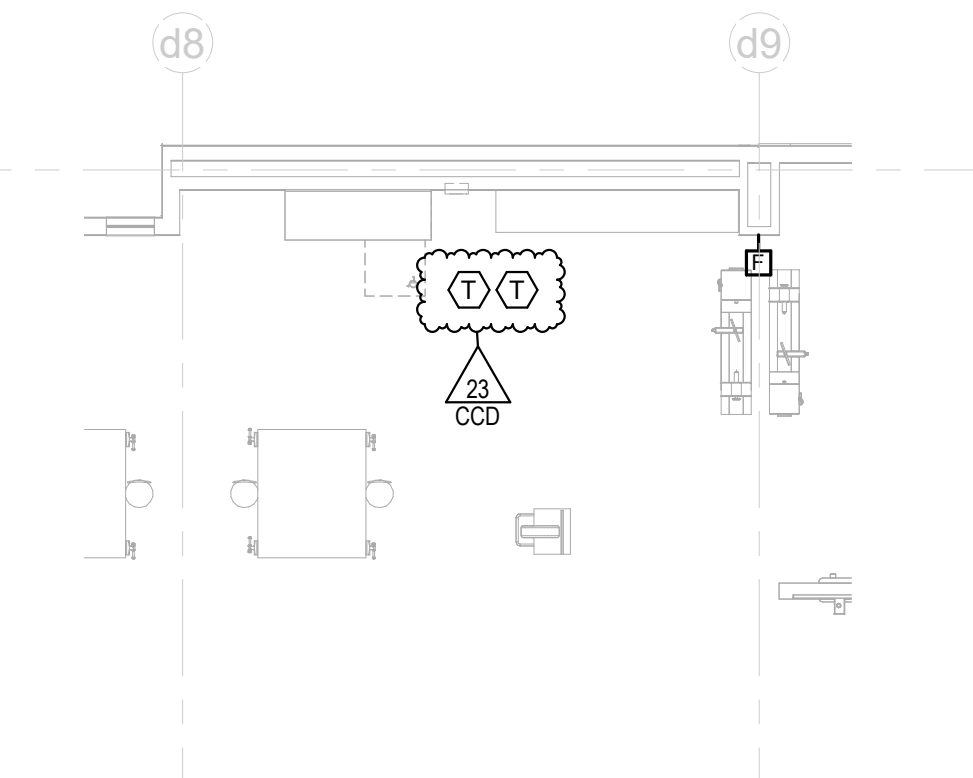
6017442

CCC - CM147.1

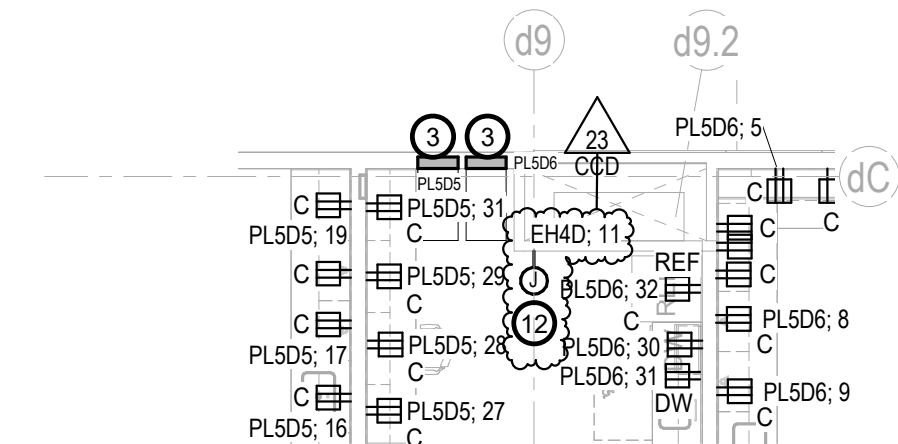
SCALE: 1/16" = 1'-0" DATE: 05/21/21 DRAWN: WAL CHECKED: GC



2 FIRE ALARM FIFTH FLOOR PLAN - PART D CCD 23
1/8" = 1'-0"



1 FIRE ALARM SECOND FLOOR PLAN - PART D CCD 23
1/8" = 1'-0"



3 POWER AND SYSTEMS FIFTH FLOOR PLAN - PART D CCD 23
1/8" = 1'-0"

RECEIVED
05/27/2021

SHEET NOTES (CONTINUED)

- 11 COMPUTER CHARGER
- 12 FIRE PROTECTION HEAT TRACE CONTROLLER LOCATION MOUNTED IN ACCESSIBLE CEILING LOCATION.

BALA
ENGINEERS
PHILADELPHIA | NEW YORK | BOSTON | BALTIMORE
130 Temple Place
Boston, MA 02111-1308
617.252.1100
WWW.BALAJ.COM

HMFH ARCHITECTS

HM
FH
130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

CCD 23

REF. DWGS. E2.2d, E8.2d, E2.5d, E8.5d

Arlington High School

FIRE PROTECTION COORDINATION - PART D - SECOND
AND FIFTH FLOORS

CCC - CR147.1
DRAWING NUMBER
SKE
015
JOB NUMBER
6017442

SCALE: 1/8" = 1'-0" DATE: 05/26/21 DRAWN: MJB CHECKED: KJA



2153

CCC - CR147.1

PCO #001

Delta Mechanical Contractors, LLC
44 Wilclar Street
Warwick, Rhode Island 02886
Phone: 401-737-3500

Project: 21060 - Arlington High School
869 Massachusetts Avenue
Arlington, Massachusetts 02476

Prime Contract Potential Change Order #001: CCD 23 Duct Sprinklers

TO:	Consigli Construction Co., Inc. 72 Sumner Street Milford, Massachusetts 01757	FROM:	Delta Mechanical Contractors, LLC 44 Wilclar St Warwick, Rhode Island 02886
PCO NUMBER/REVISION:	001 / 0	CONTRACT:	FSC-2153-015 - Arlington High School Prime Contract
REQUEST RECEIVED FROM:		CREATED BY:	Federick P. Lillo III (Delta Mechanical Contractors, LLC)
STATUS:	Pending - In Review	CREATED DATE:	6/23/2021
REFERENCE:		PRIME CONTRACT CHANGE ORDER:	None
FIELD CHANGE:	No		
LOCATION:		ACCOUNTING METHOD:	Amount Based
SCHEDULE IMPACT:		PAID IN FULL:	No
EXECUTED:	No	SIGNED CHANGE ORDER RECEIVED DATE:	
		TOTAL AMOUNT:	\$54,197.45

POTENTIAL CHANGE ORDER TITLE: CCD 23 Duct Sprinklers

CHANGE REASON: GC Request

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*
CE #001 - CCD 23 Sprinklers in Dust Collectors
Add Sprinklers in Duct per CCD 23

~~HEAT TRACING, INSULATION AND FIRE ALARM are NOT included~~

ATTACHMENTS:

CCD 23 Material Backup.pdf

#	Budget Code	Description	Amount
1	20-15-305.S FP - Engineering.Subcontractor	Engineering / Coordination	\$4,200.00
2	20-15-310.M FP - Pipe/Valves/Fittings.Materials	Sprinkler Material	\$20,115.47
3	20-15-310.L FP - Pipe/Valves/Fittings.Labor	Foreman Labor 80 hrs @ 139.09	\$11,127.20
4	20-15-310.L FP - Pipe/Valves/Fittings.Labor	Journeyman Labor 80 hrs @ 133.31	\$10,664.80
5	20-15-710.M Misc. Attachments - FP.Materials	Overhead and Profit 10% mat & 5 / sub	\$2,945.94
6	20-15-710.M Misc. Attachments - FP.Materials	Heat Trace	\$2,244.04
7	20-15-710.M Misc. Attachments - FP.Materials	Insulation	\$2,900.00
Grand Total:			\$54,197.45

Consigli Construction Co., Inc.
72 Sumner Street
Milford, Massachusetts 01757

Delta Mechanical Contractors, LLC
44 Wilclar St
Warwick, Rhode Island 02886

SIGNATURE

DATE

SIGNATURE

DATE

SIGNATURE

DATE

Proposal

VIKING INDUSTRIES, INC.

Commercial - Industrial Insulation
P. O. Box 32
BARRINGTON, RHODE ISLAND 02806
(401) 246-1855
(401) 246-1366 FAX

Proposal submitted to:		Phone	Date
DELTA MECHANICAL			08/18/21
Street		Job Name	
		ARLINGTON HIGH SCHOOL	
City, State And Zip Code		SPRINKLER PIPING	
		ARLINGTON, MA	
Attention:	Date of Plans	Job Phone	
FRED PUCILLO	5/21/21 & 11/30/20		

TO SUPPLY AND INSTALL INSULATION ON THE SYSTEM(S) SPRINKLER
AT THE ABOVE STATED PROJECT. Includes Addenda's N/A

PRICE TO INSULATE SPRINKLER PIPING PER FRED'S EMAIL, ON PAGES
SKFP 03, & FP1.2.4

PRICE TO INSULATE SPRINKLER PIPING ON ROOF, AND TEMPORARY
BRIDGE, PER DRAWINGS SKFP 04 AND FP 1.2.4

PIPE ON ROOF TO HAVE 2" THICK FIBERGLASS PIPE INSULATION,
JACKETED WITH ALUMINUM JACKET
PIPE IN TEMPORARY BRIDGE TO BE INSULATED WITH 1 1/2" FIBERGLASS
PIPE INSULATION, WITH AN ALUMINUM JACKET

BREAKOUT AS FOLLOWS:

BRIDGE WORK:

ROOF WORK:

TOTAL:

*****0

\$2,900.00

*****0

NOTE: This quote is based on material pricing at time of quote and availability when required. For more
information please call. Thank You.

We propose here by to furnish material and labor - complete in accordance with above specifications, for the sum of
*****SIX THOUSAND ONE HUNDRED DOLLARS AND 00****

Payment to be made as follow

THIRTY DAYS AFTER BILLING DATE

All Material is guaranteed to be as specified. All work to be completed in a workmanlike
manner according to standard practices. Any alteration of deviation from above specifica-
tions involving extra costs will be executed only upon written orders, and will become an
extra charge over and above the estimate. All agreements contingent upon strikes, accidents
or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance.
Our workers are fully covered by Workmen's Compensation Insurance.

Viking Industries, Inc.

Authorized Signature

Leonard E. Carlson

Leonard E. Carlson, President

We do not guarantee against mold growing.

Note: This proposal may be withdrawn by us if not accepted within Seven (7) Days

Bid subject to reasonable terms and conditions pursuant to a written contract between the parties.

If this quote is used by a Contractor or Subcontractor as part of their quote to win a job, Viking Industries Inc. must be Notified (in writing) of the award
within One Working Day so Viking can have time to review the quote and Approve or Withdraw it.

Acceptance of Proposal -The above prices, specifications

and conditions are satisfactory and are hereby accepted. You are authorized
to do work as specified. Payment will be made as outlined above

Signature

Signature

Date of Acceptance:

2153

F.W. Webb Company
3 Slater Road
Cranston, RI 02920
TEL# (401-463-3741)
FAX# (401-463-4103)

Date
06/29/21

Quote
Number
72131485
ECC - CR147.1

To:

DELTA MECHANICAL
44 WILCLAR STREET

SAME
44 WILCLAR STREET

WARWICK RI 02886-6917

WARWICK, RI 02886-6917

(401-737-3500) Fax# (401-737-3518)

Cust # 96234 Customer Po# ARLINGTON CCD 23

Rel#

Writer
YH

Date Req
06/29/21

PAGE 1 OF 1

Quoted By: STEVE HARWOOD

Quantity	Description	Net Price	Exten	Ln#	

16	#FLEXIBLE DRY DUCT SPRINKLER + VICVQD (S4121451)	749.900	11998.40	(1)	
2	#FLEXIBLE DRY SRPINKLER HBA + VICVS1 (S4121451)	398.840	797.68	(2)	
231	PIPE LW BLK CS 2-1/2"x21' S40 A53 GRV PIPE IS LW GRV X GRV D/P212LW (445060)	10.256	2369.14	(3)	
169	PIPE BLK CS 2"x21' S40 A53 T&C E 0.154" D/P2BPE (44504)	11.164	1886.77	(4)	
42	PIPE GALV CS 1-1/2"x1' S40 A53 T&C D/P112GTC (45495)	13.737	576.94	(5)	
2	* BFV UL/FM W/TMPR GRV 2-1/2" DI BU VIC705-212SOD (90736)	294.880	589.76	(6)	
6	* ELL FRLCK 90 DEG 2-1/2" 001 DI GRV VIC001-212 (58762)	13.090	78.54	(7)	
2	* ELL FRLCK 90 DEG 2-1/2" 003 DI GRV VIC003-212 (58768)	13.090	26.18	(8)	
24	* CPLG FRLCK 90 DEG 2-1/2" GRV DI ORG 0 VIC009-212 (283905)	15.500	372.00	(9)	
22	* CPLG FRLCK 90 DEG 2" GRV DI ORG 009N VIC009-2 (283904)	13.530	297.66	(10)	
2	VLV 2-1/2" CKG UMC ASSY W/HOS VIC0317809RH (848431)	561.200	1122.40	(11)	
		Sub Total:	20115.47		
		Total:	20115.47		

STEEL PIPE - COPPER TUBE PRICING VALID FOR 2 BUSINESS DAYS
ALL OTHER ITEMS PER BELOW

*** NUMBER OF DAYS QUOTE VALID IS 15 ***

PLEASE REFERENCE QUOTE # 72131485 FOR INQUIRIES OR ORDER OF ABOVE MATERIAL

+ THIS PRODUCT IS A SPECIAL ITEM. RESTOCKING FEES MAY APPLY.



2153

EMERSON SWAN*A Swan Group Company*300 POND STREET RANDOLPH, MA 02368
PHONE 781-986-2555 FAX 781-986-2027To: FRED PUCILLO
DELTA MECHANICALWARWICK, RI
F.PUCILLO@DELTAMECHLLC.COMAPPLIED PRODUCTS QUOTE CCC - CR147.1

QUOTE NUMBER	REVISION DATE	DUE DATE
2021-234169-1	7/15/2021	11/9/2020
JOB AND LOCATION		
ARLINGTON HIGH SCHOOL		
ARLINGTON, MA		
PREPARED BY	ENGINEER	
DAN KELLEY	BALA CONSULTING ENGINEERS, INC.	
LEAD TIME	TERMS	FREIGHT
	NET 30*	PC

FIRE PROTECTION CABLE

NVENT THERMAL LLC (PENTAIR RAYCHEM)

QTY	DESCRIPTION	UNIT PRICE	EXT. PRICE
50	5XL2-CR 208-277V HEAT CABLE 5X1/2S/FT	\$8.42	\$421.00
1	RAYCLIC-PC RAYCLIC POWER KIT END SEAL	\$98.31	\$98.31
1	465 CONTROLLER FIRE PROTECTION CONTROLLER	\$1,205.57	\$1,205.57
1	GT-66 GLASS TAPE 66FT/ROLL	\$9.26	\$9.26
5	ETL LABEL, ELECTRIC TAPED	\$1.98	\$9.90
OPTIONAL			
1	START UP/TRAINING	\$500.00	\$500.00
<p>** 3% PRICE INCREASE SCHEDULED FOR SEPTEMBER 1ST 2021</p> <p>NOTE: ALL RAYCHEM JOB QUOTES REFLECT EITHER INDIVIDUAL UNIT PRICING OR ESTIMATED QUANTITY PRICING DEPENDING ON THE BEST AVAILABLE INFORMATION AVAILABLE ON THE PROJECT. AT NO TIME SHOULD THIS QUOTATION BE CONSIDERED A 'NOT TO EXCEED' OR GUARANTEED MAXIMUM PROPOSAL. WE WILL WORK WITH EVERY CUSTOMER TO PROVIDE THE MOST DETAILED TAKEOFF AND DESIGN LAYOUTS POSSIBLE FOR THIS PROJECT AFTER RECEIPT OF A PURCHASE ORDER COMMITTING TO THE PROJECT.</p> <p>***** ALL CABLES MUST BE PURCHASED IN 25 FT INCREMENTS *****</p>			
TOTAL			\$2,244.04

PLEASE NOTE: ANY PO PLACED THAT IS EXEMPT FROM TAX MUST INCLUDE THE TAX EXEMPT CERTIFICATE AT TIME OF ORDER

PLEASE REFERENCE OUR QUOTE NUMBER ON ALL CORRESPONDENCES.

SELLER SHALL NOT BE LIABLE IF MATERIAL QUOTED IS NOT APPROVED, NOR FOR QUANTITIES OTHER THAN LISTED ABOVE. PRICES DO NOT INCLUDE ANY TAXES.

ALL PRICES ARE SUBJECT TO REVIEW THIRTY (30) DAYS FROM DATE OF QUOTE.

*TERMS CONDITIONAL UPON CREDIT APPROVAL

DELTA MECHANICAL CONTRACTORS LLC
 RATE SHEETS
 SPRINKLERFITTER - LOCAL 550
 MASTER SHEET

FROM	3/1/2021	3/1/2021	3/1/2021
TO	9/15/2021	9/15/2021	9/15/2021
JOURNEYMAN	STRAIGHT WAGE	OVERTIME WAGE	DOUBLE TIME WAGE
BASE RATE	\$62.45	\$93.68	\$124.90
HEALTH & DENTAL INSURANCE	\$10.00	\$10.00	\$10.00
RETIREMENT PLANS	\$21.25	\$21.25	\$21.25
TRAINING FUND (APPRENTICE FUND)	\$1.06	\$1.06	\$1.06
LABOR MANAGEMENT COOP TRUST	\$0.10	\$0.10	\$0.10
INDUSTRY IMPROVEMENT FUND	\$0.35	\$0.35	\$0.35
	<u>\$32.76</u>	<u>\$32.76</u>	<u>\$32.76</u>
	\$95.21	\$126.44	\$157.66
SHIFT PREMIUM	0.00%	\$0.00	\$0.00
SHIFT PAY COST		<u>\$95.21</u>	<u>\$126.44</u>
			<u>\$157.66</u>
FICA	\$4.78	\$7.17	\$9.55
SUTA	\$6.43	\$9.65	\$12.86
FUTA	\$0.94	\$1.41	\$1.87
WORKERS COMPENSATION	\$3.49	\$5.24	\$6.98
GENERAL LIABILITY	\$3.99	\$5.99	\$7.98
VACATION / HOLIDAY / SICK	\$1.35	\$1.35	\$1.35
AUTO, UMBRELLA, PROPERTY INS ETC			
INCIDENTALS - TOOLS, EXPENDABLES			
TRAVEL EXPENSE	\$5.00	\$5.00	\$5.00
	<u>\$25.98</u>	<u>\$35.79</u>	<u>\$45.61</u>
	\$121.19	\$162.23	\$203.27
OVERHEAD AND PROFIT	10.00%	\$12.12	\$20.33
	<u>\$133.31</u>	<u>\$178.45</u>	<u>\$223.59</u>
BOND	0.00%	\$0.00	\$0.00
	<u>\$133.31</u>	<u>\$178.45</u>	<u>\$223.59</u>
FOREMAN (1-6 FITTERS)	STRAIGHT WAGE	OVERTIME WAGE	DOUBLE TIME WAGE

BASE RATE		\$66.45	\$99.68	\$132.90
HEALTH & DENTAL INSURANCE		\$10.00	\$10.00	\$10.00
RETIREMENT PLANS		\$21.25	\$21.25	\$21.25
TRAINING FUND (APPRENTICE FUND)		\$1.06	\$1.06	\$1.06
LABOR MANAGEMENT COOP TRUST		\$0.10	\$0.10	\$0.10
INDUSTRY IMPROVEMENT FUND		\$0.35	\$0.35	\$0.35
		<u>\$32.76</u>	<u>\$32.76</u>	<u>\$32.76</u>
		\$99.21	\$132.44	\$165.66
SHIFT PREMIUM	0.00%	\$0.00	\$0.00	\$0.00
SHIFT PAY COST		<u>\$99.21</u>	<u>\$132.44</u>	<u>\$165.66</u>
FICA		\$5.08	\$7.63	\$10.17
SUTA		\$6.84	\$10.27	\$13.69
FUTA		\$1.00	\$1.50	\$1.99
WORKERS COMPENSATION		\$3.71	\$5.57	\$7.43
GENERAL LIABILITY		\$4.25	\$6.37	\$8.49
VACATION / HOLIDAY		\$1.35	\$1.35	\$1.35
AUTO, UMBRELLA, PROPERTY INS ETC				
INCIDENTALS - TOOLS, EXPENDABLES				
TRAVEL EXPENSE		\$5.00	\$5.00	\$5.00
		<u>\$27.24</u>	<u>\$37.68</u>	<u>\$48.12</u>
		\$126.45	\$170.11	\$213.78
OVERHEAD AND PROFIT	10.00%	\$12.64	\$17.01	\$21.38
		<u>\$139.09</u>	<u>\$187.12</u>	<u>\$235.16</u>
BOND	0.00%	\$0.00	\$0.00	\$0.00
		<u>\$139.09</u>	<u>\$187.12</u>	<u>\$235.16</u>

Construction Change Directive (CCD)

CCC - CR147.1

NO:

023

Date of Issuance:

May 27, 2021

Project:	Arlington High School	Contract For:	New Construction
Address:	869 Massachusetts Avenue, Arlington, MA 02476	Contract Date:	June 26, 2019
Owner:	Town of Arlington		
Address:	730 Massachusetts Avenue, Arlington, MA 02476	Project ID:	408417
From:	HMFH Architects, Inc	To:	Consigli Construction Co., Inc
Address:	130 Bishop Allen Drive, Cambridge, MA 02139	Address:	Milford, MA

You are hereby directed to make the following change(s) in this Contract:

Addition of Sprinkler protection in dust collector and spray booth duct system. Associated electrical changes for heat trace. Deletion of dry-head system at floor overhang.

PROPOSED ADJUSTMENTS:

1. The proposed basis of adjustment to the Contract Sum or Guaranteed Maximum Price is:

- ☒ Lump Sum increase of \$ TBD
- ☐ Unit Price of \$ per
- ☐ On a Time & Materials Basis
- ☐ As follows:

2. The Contract Time shall **BE UNCHANGED**. Such an adjustment, if any, shall be 0 days from the date of Substantial Completion.

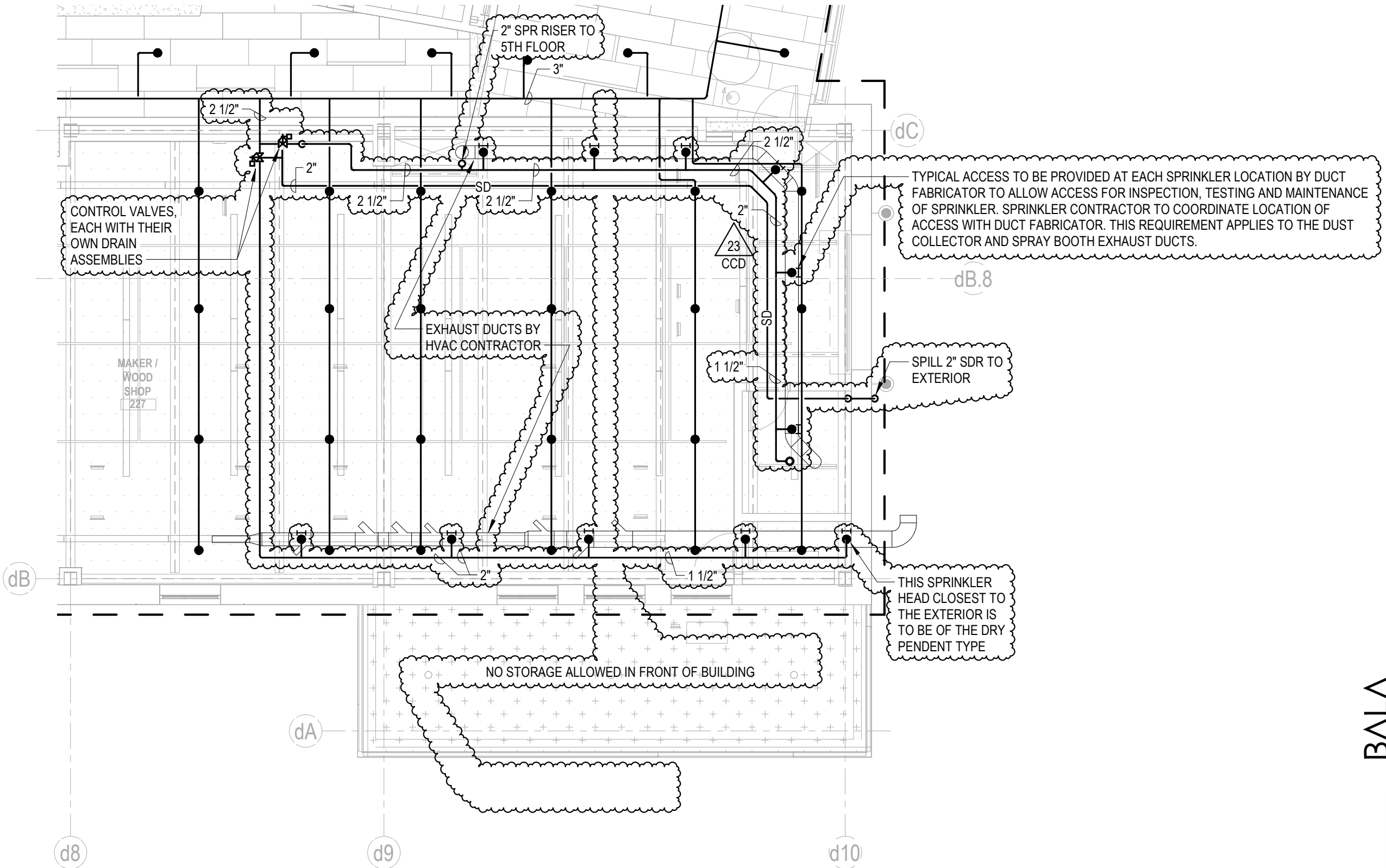
When signed by the Owner and Architect and received by the Contractor, this document becomes effective IMMEDIATELY as a Construction Change Directive (CCD), and the Contractor shall proceed with the change(s) described above.			Contractor signature indicates agreement with the proposed adjustments in Contract Sum and Contract Time set forth in this CCD.
HMFH Architects	Town of Arlington	Consigli Construction Co., Inc.	
ARCHITECT	Owner	Contractor	
130 Bishop Allen Drive	730 Massachusetts Avenue	72 Summer Street	
Cambridge, MA	Arlington, MA	Milford, MA	
ADDRESS	ADDRESS	ADDRESS	
BY (Signature)	BY (Signature)	BY (Signature)	
Arthur Duffy			
(Typed Name)	(Typed Name)	(Typed Name)	
DATE	DATE	DATE	

Attachments:	Sketches SKFP-01, SKFP-02, SKFP-03, SKE-015		
distribution:	<input checked="" type="checkbox"/> Owner – Adam Chapdelaine	<input checked="" type="checkbox"/> Architect – Arthur Duffy, Lori Cowles	
	<input checked="" type="checkbox"/> OPM – J Burrows, Sy Nguyen, H. Raymond	<input checked="" type="checkbox"/> Contractor – J. LaMarre, C. Weber, D. Dockendorf	
	<input checked="" type="checkbox"/> Consultant – Bala	<input checked="" type="checkbox"/> Field – C. McWilliams, D. Rockwood	

SCOPE NOTES:

1. REFER TO DRAWING FP2.4d FOR TYPICAL SPRINKLER BRANCH SIZES FOR BUILDING D.
2. PROVIDE SPRINKLER COVERAGE IN ALL NEW DUST COLLECTION & SPRAY BOOTH EXHAUST DUCTWORK 10 INCH IN DIAMETER OR LARGER. SPRINKLERS ARE TO ALL BE OF THE HIGH TEMPERATURE TYPE.

23
CCD



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ARCHITECTS | ENGINEERS | INTERIORS
STRUCTURAL | MECHANICAL | ELECTRICAL

HMFH ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

HMFH

Arlington High School

FIRE PROTECTION LEVEL 2 AREA D REVISIONS

REF. DWG. FP 2.2d CCD-23

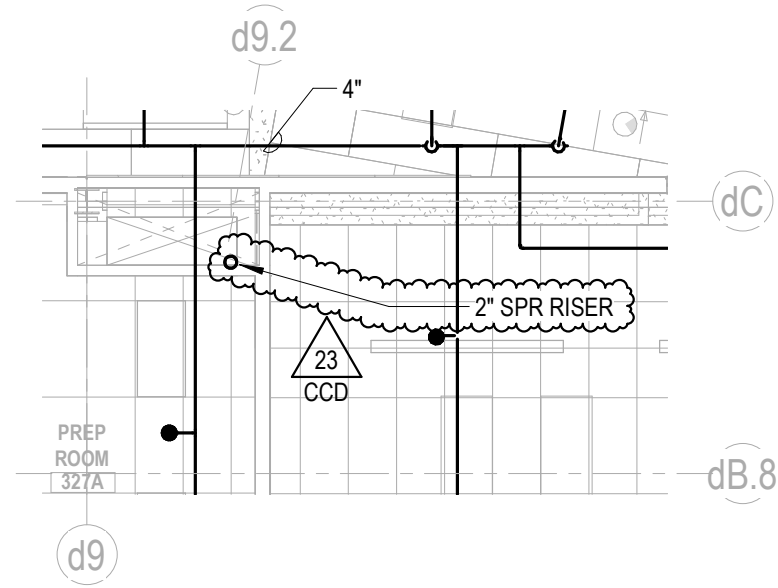
DRAWING NUMBER

SKFP
01

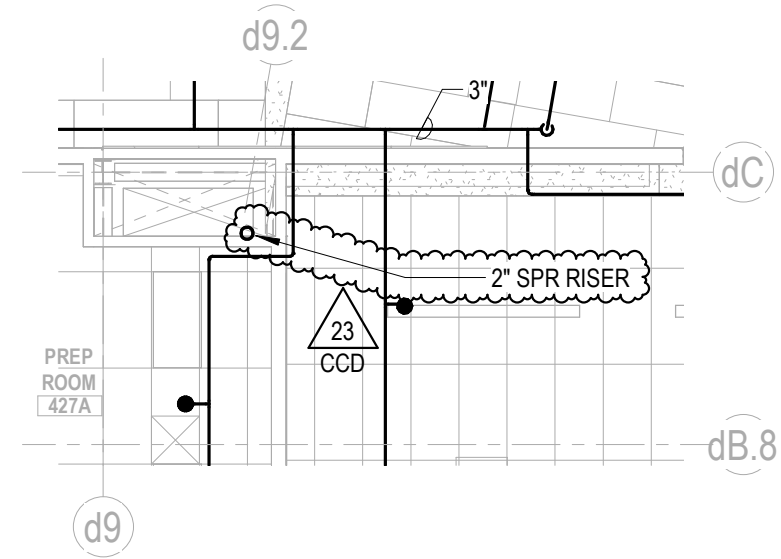
JOB NUMBER 6017442

CCC - CH147.1

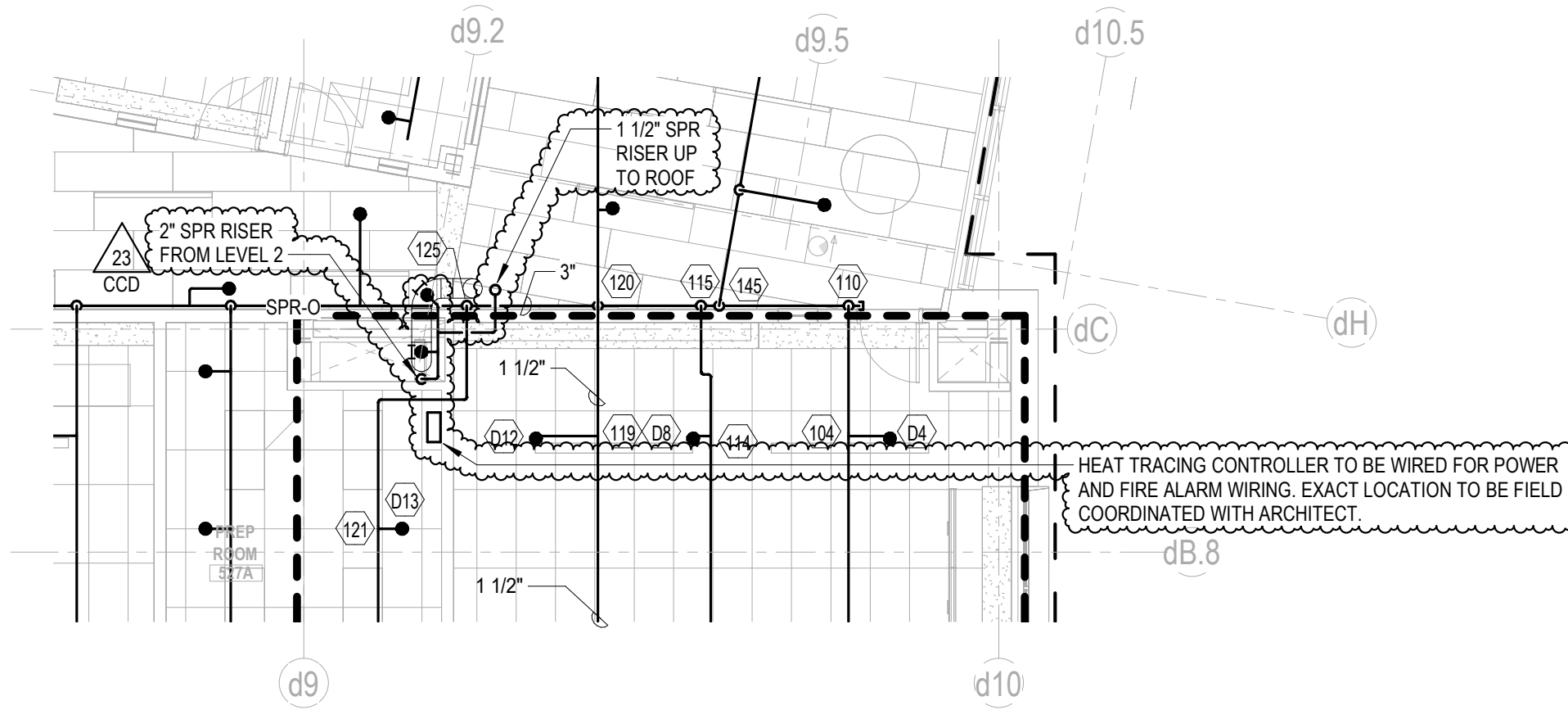
SCALE: 1/8" = 1'-0" DATE: 05/21/21 DRAWN: WAL CHECKED: GC



① FIRE PROTECTION LEVEL 3 AREA D
1/8" = 1'-0"



② FIRE PROTECTION LEVEL 4 AREA D
1/8" = 1'-0"



③ FIRE PROTECTION LEVEL 5 AREA D
1/8" = 1'-0"

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MECHANICAL | ELECTRICAL | PLUMBING | FIRE PROTECTION
STRUCTURAL | TECHNOLOGY | COMMISSIONING

HMFH ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

Arlington High School
FIRE PROTECTION AREA D REVISIONS

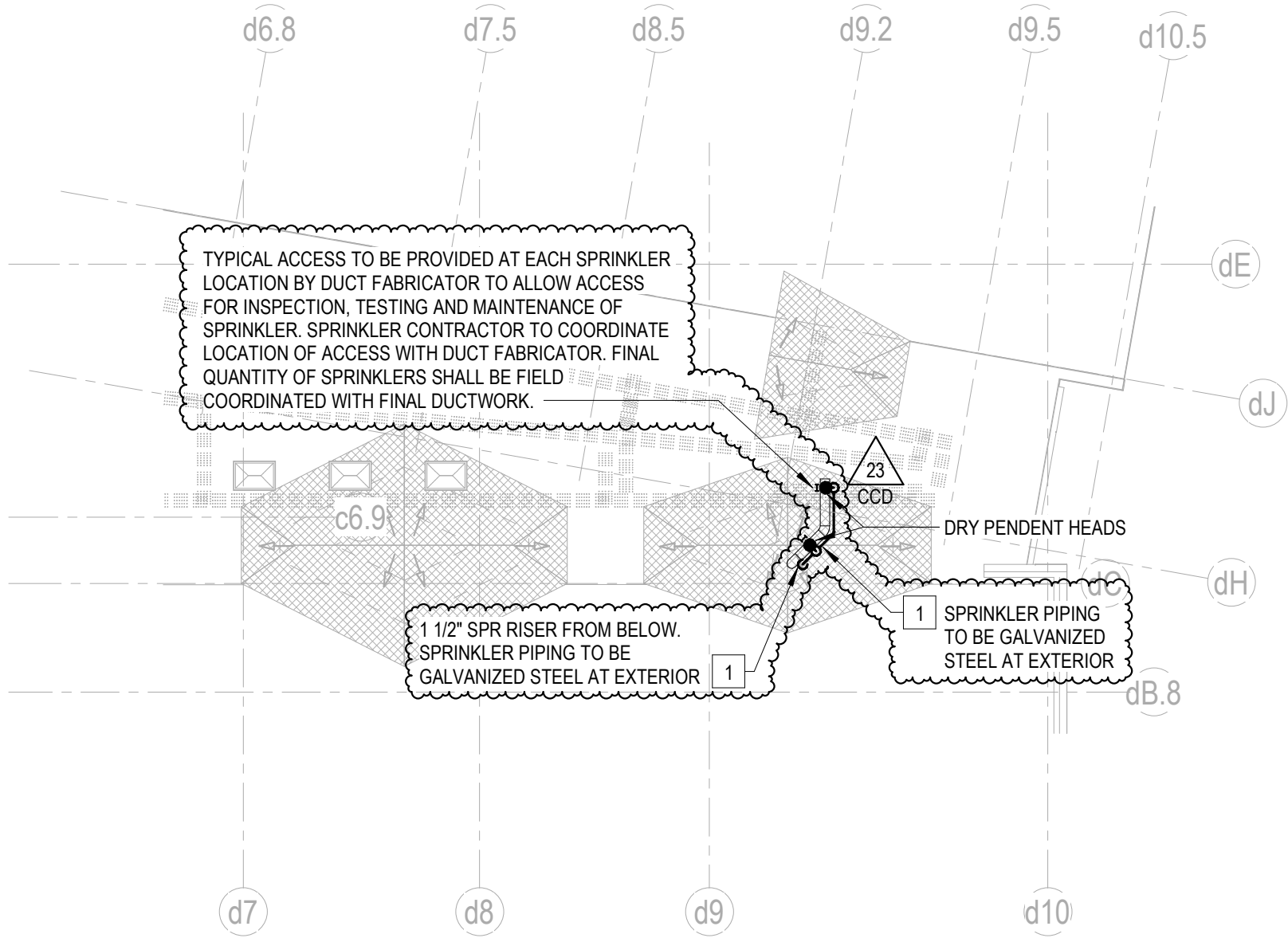
REF. DWG. FP 2.3d, FP 2.4d, & FP 2.5d CCD-23

CCC - CR147.1

DRAWING NUMBER SKFP 02

JOB NUMBER 6017442

SCALE: 1/8" = 1'-0" DATE: 05/21/21 DRAWN: WAL CHECKED: GC JOB NUMBER 6017442



23
CCD

KEY NOTE:

- 1 HEAT TRACE AND INSULATE ALL EXTERIOR PIPING STARTING AT 5TH FLOOR CEILING.

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ARCHITECTS | ENGINEERS | PLANNERS
STRUCTURAL | MECHANICAL | ELECTRICAL

BALA CONSULTING ENGINEERS, INC.
57 TEMPLE PLACE
BOSTON, MA 02111-1308
TEL: 617.452.1000 FAX: 617.557.5188
WWW.BALA.COM

H M F H ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

**H M
F H**

Arlington High School

FIRE PROTECTION ROOF LEVEL REVISIONS

REF. DWG. FP 2.6 CCD-23

DRAWING NUMBER

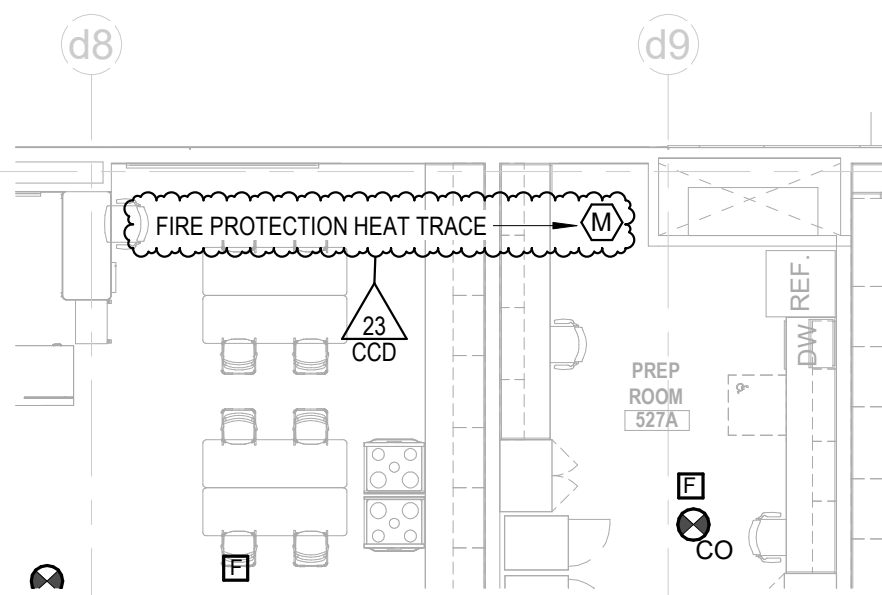
**SKFP
03**

JOB NUMBER

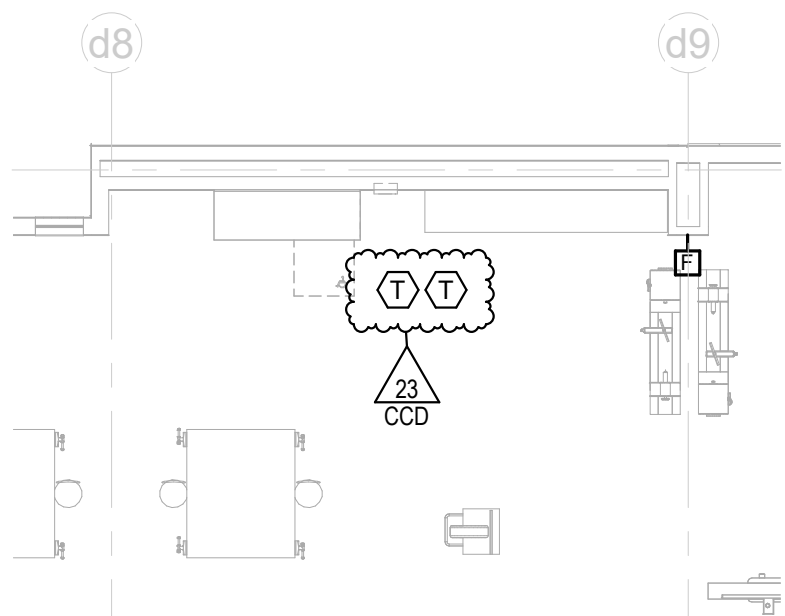
6017442

CCC - CH147.1

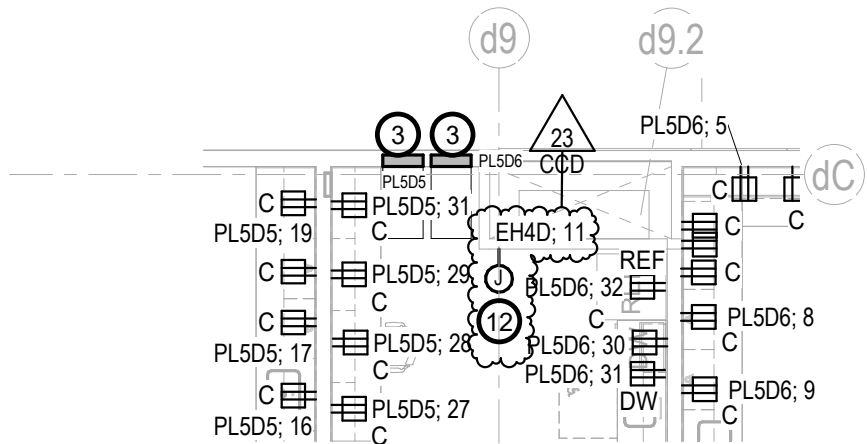
SCALE: 1/16" = 1'-0" DATE: 05/21/21 DRAWN: WAL CHECKED: GC



2 FIRE ALARM FIFTH FLOOR PLAN - PART D CCD 23
1/8" = 1'-0"



1 FIRE ALARM SECOND FLOOR PLAN - PART D CCD 23
1/8" = 1'-0"



3 POWER AND SYSTEMS FIFTH FLOOR PLAN - PART D CCD 23
1/8" = 1'-0"

SHEET NOTES (CONTINUED)

- 11 COMPUTER CHARGER
- 12 FIRE PROTECTION HEAT TRACE CONTROLLER LOCATION MOUNTED IN ACCESSIBLE CEILING LOCATION.

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PHILADELPHIA | NEW YORK | BOSTON | BALTIMORE
130 Temple Place
Boston, MA 02111-1308
617.737.5188
WWW.BALA.COM

HMFH ARCHITECTS
130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHArch hmfh.com

Arlington High School
FIRE PROTECTION COORDINATION - PART D - SECOND
AND FIFTH FLOORS

CCD 23
REF. DWGS. E2.2d, E8.2d, E2.5d, E8.5d

CCC - CR147.1
DRAWING NUMBER
SKE
015
JOB NUMBER
6017442

SCALE: 1/8" = 1'-0" DATE: 05/26/21 DRAWN: MJB CHECKED: KJA



Change Request

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR243A
Date: 2/7/22
Job: 2153 Arlington High School
Phone:

Description: Provisions for Utilizing Permanent Heat via Temp Power Service due to Evers - Ph. 1 (Sub Costs Only)

Source: Other

We offer the following specifications and pricing to make the changes as described below:

*CR243A has been revised to include subcontractor costs only associated with CR243. GR costs associated with temporary equipment, fuel, etc. are captured under separate cover (CR243).

CR243 includes costs associated with utilizing permanent heating systems/equipment with temporary power provisions and alternative measures to provide power & heat in phase 1 buildings D&E due to Eversource permanent power not being provided until 11/19/21. Below is a summary of temporary provisions provided, as well as alternative measures performed prior to 11/19/21 to maintain construction schedule:

- Rental 350KVA Diesel Generators
- Diesel Fuel Costs for Generator and Temp Heaters
- Riggs (General Requirements) Diesel Heater Rental + Hoses
- WJGEI (Electrical):
 - o Install Temp power feed for HWP/CHWP to allow HVAC Contractor to energize and flush heating system
 - o Install temp feed to boiler pump for flushing of heating system
 - o Install branch power connections for (2) Temp Heaters
 - o Power to open fire smoke dampers for mechanical unit start up
- PJ Kennedy (HVAC):
 - o Rigging Eversource Transformers into place for Eversource
 - o Install temp electrical water heater to serve radiant slab heating system

Please see attached pricing and associated backup for additional information.

Assumptions & Qualifications:

- Costs associated with Overtime/Acceleration are not included
- Costs associated with temporary provisions after permanent power (11/19/21) in place due to supply chain issues are not included and will be submitted under separate cover (CR243.1)
- CCC has proceeded with this scope of work in order to maintain project schedule.

Description	Labor	Material	Equipment	Subcontract	Other	Price
WJGEI - Proposal #58 dated 10/25/21				\$2,420.40		\$2,420.40
WJGEI - Proposal #73 dated 11/19/21				\$4,162.87		\$4,162.87
WJGEI - Proposal #72 dated 11/19/21				\$5,069.64		\$5,069.64
WJGEI - Proposal #76 dated 11/29/21				\$10,300.43		\$10,300.43
WJGEI - Proposal #93 dated 12/30/21				\$3,590.48		\$3,590.48
PJ Kennedy - PCO#019 dated 10/27/21				\$1,339.80		\$1,339.80
PJ Kennedy - PCO#025 dated 1/7/22				\$14,710.01		\$14,710.01
					Subtotal:	\$41,593.63
			Bond (.75%)	\$41,593.63		\$311.95
			General Liability (1.2%)	\$41,593.63		\$499.12
			Subguard (1.4%)	\$41,593.63		\$0.00
			OH&P (5% subs, 10% self perform)	\$42,404.70		\$2,120.24



Change Request

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR243A
Date: 2/7/22
Job: 2153 Arlington High School
Phone:

Total: **\$44,524.94**

- ☐ SCHEDULE IMPACT
☒ We have proceeded with this change to achieve schedule.
☐ As directed, we will not proceed with this change until formal direction from OWNER is received.

ARCHITECT

Consigli Construction Co., Inc.

CONTRACTOR
72 Sumner Street
Milford, MA 01757

OWNER

(Signature)

Arthur Duffy

By

02/14/2022

Date

(Signature)

John LaMarre

By

2/7/22

Date

(Signature)

Jim Burrows

By

2/15/2022

Date

Consigli Construction Co., Inc.

Construction Managers and General Contractors

72 Sumner Street, Milford MA 01757 • phone: 508-473-2580 • fax: 508-473-3588 • web: www.consigli.com
 Hartford CT • Washington DC • Portland ME • Boston MA • Milford MA • Albany NY • New York NY • Pleasant Valley NY • Ronkonkoma NY

Weber, Chris

From: LaMarre, John
Sent: Friday, November 12, 2021 3:55 PM
To: Jim Burrows
Cc: Arthur Duffy; Nguyen, Sy; Weber, Chris; Dockendorf, David; McWilliams, Chuck; DeRosa, Thomas; Jensen, Michael; Samya, Kevin
Subject: FW: ArlHS - Equipment Factory Startup Delay due to Permanent Power





Jim,
Today, 11/12, was the most recent revised "dead line" date for Eversource to provide permanent power to the project. That did not occur. Stating the obvious without power the schedule and project costs are being impacted and the work arounds currently in place, use of temporary heaters, generators and utilizing the temporary power transformer these sources will need to be increased to reduce the impact to the follow on work for e.g. scheduling of equipment startups performed by factory technicians, HVAC balancing, etc.,.

We will pursue the availability of the trailer size temporary generator we had on reserve and make arrangements to have it delivered to the site, this is based on that Eversource cannot commitment to a date when power will be available.

In early December a determination will have to be made if the school can be opened as planned, February vacation.

Sincerely,




John LaMarre
Senior Project Manager
m: 617.293.5296
    consigli.com

From: Samya, Kevin
Sent: Friday, November 12, 2021 2:09 PM
To: Jensen, Michael <MJensen@consigli.com>; Weber, Chris <cweber@consigli.com>; Dockendorf, David <ddockendorf@consigli.com>; LaMarre, John <JLaMarre@consigli.com>; McWilliams, Chuck <cmcwilliams@consigli.com>; DeRosa, Thomas <tderosa@consigli.com>; Condon, Patrick <PCondon@consigli.com>; Saunders, Mason <mrsaunders@consigli.com>; Mynter, Brandon <bmynter@consigli.com>
Cc: Martino, Scott <smartino@consigli.com>
Subject: RE: ArlHS - Equipment Factory Startup Delay due to Permanent Power

Just spoke to Bill at PJK and he has a new tentative date/confirmation for 11/22. He has that as a place holder for now, but I need to keep him posted early next week on whether or not we will have power. Apparently Eversource dropped off a spool of wire today without a crew, fingers crossed for next week.



Kevin Samya
Assistant M/E/P Manager
 m: 508.244.1698
    consigli.com

From: Jensen, Michael
Sent: Friday, November 12, 2021 8:07 AM
To: Samya, Kevin <ksamya@consigli.com>; Weber, Chris <cweber@consigli.com>; Dockendorf, David <ddockendorf@consigli.com>; LaMarre, John <JLaMarre@consigli.com>; McWilliams, Chuck <cmcwilliams@consigli.com>; DeRosa, Thomas <tderosa@consigli.com>; Condon, Patrick <PCondon@consigli.com>; Saunders, Mason <msaunders@consigli.com>; Mynter, Brandon <bmynter@consigli.com>
Cc: Martino, Scott <smartino@consigli.com>
Subject: RE: ArlHS - Equipment Factory Startup Delay due to Permanent Power

Kevin,

They had two weeks as you state below which had to have included Thanksgiving anyhow. Lets keep their original "second" week as the new "first" week.

We should still be able to get most of the week through thanksgiving. Should only loose Thursday maybe some Friday.



Michael Jensen
M/E/P Manager
 m: 774.278.0117
    consigli.com

From: Samya, Kevin <ksamya@consigli.com>
Sent: Friday, November 12, 2021 8:00 AM
To: Weber, Chris <cweber@consigli.com>; Dockendorf, David <ddockendorf@consigli.com>; LaMarre, John <JLaMarre@consigli.com>; McWilliams, Chuck <cmcwilliams@consigli.com>; DeRosa, Thomas <tderosa@consigli.com>; Condon, Patrick <PCondon@consigli.com>; Saunders, Mason <msaunders@consigli.com>; Mynter, Brandon <bmynter@consigli.com>
Cc: Martino, Scott <smartino@consigli.com>; Jensen, Michael <MJensen@consigli.com>
Subject: ArlHS - Equipment Factory Startup Delay due to Permanent Power

All,

Due to Eversource not being onsite this week to provide Permanent Power we had to re-schedule the Factory Equipment Startup for the rooftop equipment. We anticipated permanent power being available today, and as of right now the earliest we will have power is EOD Tuesday (11/16) assuming Eversource is onsite Monday (11/15). Eversource will need at least (2) working days to complete the work and get (1) transformer energized.

That being said, PJ Kennedy had to cancel the (2) scheduled startup dates for next week that were scheduled for (11/15) and (11/17) for HRU-4 (South Side of Building D Levels 2 to 5), HRU-5 (North Side of Building D Levels 2 to 5), and ACHP-1/ACHP-2 (Hot and Chilled Water for Building D and E). We have been in contact with PJ Kennedy proposing week of 11/22, but with Thanksgiving that week it is unlikely at this time. PJ Kennedy is going to confirm whether or not that is a possibility, and I will keep everyone posted. The factory reps need a minimal of 2-weeks notice to accommodate the request. The earliest I anticipate the roof top equipment being started up is the week of (11/29).

Let me know if you have any questions.

Regards,



Kevin Samya
Assistant M/E/P Manager
m: 508.244.1698
    consigli.com

Weber, Chris

From: Dockendorf, David
Sent: Tuesday, September 21, 2021 2:24 PM
To: Jim Burrows
Cc: Nguyen, Sy; Arthur Duffy; Lori Cowles; LaMarre, John; McWilliams, Chuck; Weber, Chris; Samya, Kevin; Martino, Scott; DeRosa, Thomas
Subject: ArLHS - Permanent Heat used in a temp manner ROM NOC
Attachments: Permanent Heating System Via Temporary Sources Fall 2021 (9-9-21).pdf

Jim,
 We have always been planning on utilizing the permanent heating systems for heat during construction use during the fall/winter. The permanent power had been planned on being available for this plan to work.

Since this power source is not available, we have reviewed options for alternate measures to provide power & heat. The current option we are purposing is to utilize (2) 350kW generators and (1) trailer boiler with steam heat exchanger and temporarily tie into the permanent systems within the building (Air terminal unit's, refrigerant FCU's, and associated equipment).

Implementing this plan would require the following detailed scope:

- Single time costs:
 - Labor/material to install temp measures (piping/wiring, etc.) and removal \$33,000 (single time cost)
- Monthly costs:
 - (2) 350kW generators (\$15,000/month each) = \$30,000/month
 - (1) trailer boiler with steam heat exchange \$15,000/month
 - Fuel consumption per month (approximated, depending on load) \$4,500/month

ROM

Summary: First month costs = \$82,500
 Second month (and each month after) costs = \$49,500/month

We've attached our detailed plan. If any questions arise, we can discuss further.

Thanks,
 Dave



David Dockendorf, LEED AP, CM-Lean
Project Manager
 t: 774-217-0575 | m: 774-217-0575
 consigli.com



INVOICE

116 Hopping Brook Road, Holliston, MA 01746
(508) 429-8830 FAX (508) 429-9251
MA LIC. A8999, 4536A1

MR. CHRIS WEBER
Sold To: CONSIGLI CONSTRUCTION COMPANY, INC.
72 SUMNER STREET
MILFORD, MA 01757

Work Done At: ARLINGTON HIGH SCHOOL
869 MASS AVENUE
ARLINGTON, MA 02476

JOB NO. 02698-00-20	PO Nbr	Terms Net 30 Days	PLEASE REMIT BY INVOICE NUMBER	P0058	Invoice Date 10/25/2021
------------------------	--------	----------------------	-----------------------------------	-------	----------------------------

DESCRIPTION OF WORK:

RE: Job#2698- Arlington High School
Proposal#P0058

Provide labor services and materials to install temporary power feed for HWP 1, 2 and CHW-1, to allow HVAC contractor to energize and flush out the heating system.

INVOICE TOTAL

2,420.40



Terms: Net 30 Days with 1.5% Interest on all Unpaid Balance over 30 days



**WAYNE J.
GRIFFIN ELECTRIC
INC.**

October 25, 2021

VIA EMAIL ONLY: cweber@consigli.com

Mr. Chris Weber, Project Manager
Consigli Construction Company, Inc.
72 Sumner Street
Milford, MA 01757

RE: Job #2698 - Arlington High School, Arlington, MA
Proposal #58

Dear Mr. Weber:

In accordance with the field change order signed by your authorized representative Thomas DeRosa, the contract should be modified to include the following revision per our enclosed detailed backup:

DESCRIPTION OF WORK:

Provide labor services and materials to install temporary power feed for HWP 1, 2 and CHW-1, to allow HVAC contractor to energize and flush out the heating system.

The material pricing enclosed is based on industry recognized standardized unit rates obtained from R.S. Means, as agreed to for your review, approval and acceptance. The labor hours are as signed for and acknowledged by your on-site representative.

Total \$ 2,420.40 ✓

Please issue a written change order as the work above has been completed. The value included in this field change order does not include any amounts for changes in the sequence of work, disruptions, interference and/or impacts, and the right is expressly reserved to recover any and all of these related items prior to any final settlement of this contract. The working relationship between your company and ours shall be in accordance with our mutually agreed to contract form.

Corporate Headquarters:

116 Hopping Brook Road
Holliston, MA 01746
Phone: (508) 429-8830
Fax: (508) 429-7825

Regional Offices:

296 Cahaba Valley Parkway
Pelham, AL 35124
Phone: (205) 733-8848
Fax: (205) 733-8107

1950 Evergreen Boulevard
Suite 300
Duluth, GA 30096
Phone: (678) 417-9377
Fax: (678) 417-9373

2310 Presidential Drive
Suite 101
Durham, NC 27703
Phone: (919) 627-9724
Fax: (919) 627-9727

9801-C Southern Pine Boulevard
Charlotte, NC 28273
Phone: (704) 522-3851
Fax: (704) 522-3856

If you have any questions regarding the above, please do not hesitate to contact me at (508) 306-5313 or wpease@wjgei.com.

Very truly yours,

WAYNE J. GRIFFIN ELECTRIC, INC.



Wayne A. Pease
Senior Project Manager

WP/hat

ACKNOWLEDGMENT: The contract modifications stated for the above field change are acceptable for the work already performed. The value of the work completed to the date of the next requisition may be billed on that requisition.

Date: _____ Authorized Signature: _____

cc: John LaMarre, Senior Project Manager, Consigli Construction Company, Inc.,
JLaMarre@consigli.com
George Gray, Project Engineer, Wayne J. Griffin Electric, Inc.
Jeremiah Kimball, Project Foreman, Wayne J. Griffin Electric, Inc.



CCN#: P-0058, Temp Power for Heating System
Date: 10/15/2021
Project Name: Arlington High School
Project Number: 02698-00-20
Page Number: 1

116 Hopping Brook Road, Holliston, MA 01746
 (508) 429-8830 FAX (508) 429-9251

Work Description

Provide labor services and materials to install temporary power feed for HWP 1, 2 and CHW-1, to allow HVAC contractor to energize and flush out the heating system.

Itemized Breakdown

Description	Qty	Net Price	UM	Materials (\$)	Labor	Total Hours
Labor 10/2/21	1.00	0.0000	E	0.000	8.000	8.000
30A 3P 480V Circuit Breaker	3.00	175.5000	E	526.500	0.000	0.000
#10/3 MC Cable	120.00	2.0750	E	249.000	0.000	0.000
MC Connectors	6.00	1.0700	E	6.420	0.000	0.000
Tie Wraps	25.00	0.1068	E	2.670	0.000	0.000
Phase Totals				784.59		8.00
Totals				784.59		8.00
Tax				0.00		
Materials with Tax				784.59		

Summary

Itemized Breakdown Total		784.59	
Electrical Journeyman Overtime	(8.0000 hrs @ \$134.85 / hr)	1,078.80	
		1,078.80	✓
Labor Burden	(\$1,078.80 @ 30.00%)	323.64	
		323.64	✓
Overhead & Profit	(\$2,187.03 @ 10.00%)	218.70	
		218.70	✓
Bond	(\$2,405.73 @ 0.61%)	14.67	
		14.67	✓
		557.01	✓
Total		\$2,420.40	✓

REF.

319



CONSIGLI

Est. 1905

SLIP TRACKING

Project Name	Arlington High School	Job# 2153	Date 10/2/21
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THIS DOCUMENT IS TO BE USED FOR TRACKING PURPOSES ONLY:

(This document is not intended to constitute an acceptance of additional work to the contract nor does this document infer that the contractor will be compensated for the work performed)

Contractor	WJGEI
Contractor (Foreman's Signature)	
Contractor Extra Work #	
Cost Code	
Time Begin (Consigli Signature Required)	
Time Complete (Consigli Signature Required)	
Work Performed	TEMP FEED FOR HWP 1.2 CHW-1 FOR PSK TO ENERGIZE \$ HUSH HEATING SYSTEM
Manpower	(1) ELECTRICIAN x 8 hrs PT
Materials	SEE ATTACHED

FOR OFFICE USE ONLY

Comments	H. R. Z. / SKANSKA 10/4/21		
Category (Check One)	<input type="checkbox"/> Internal	<input checked="" type="checkbox"/> Owner	<input type="checkbox"/> Backcharge
Status (Check One)	<input type="checkbox"/> Rejected	<input checked="" type="checkbox"/> Accepted	<input type="checkbox"/> Pending
Reference drawing or specification section:			

White: PM

Yellow: Contractor Copy

Pink: Remains



INVOICE

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(508) 429-8830 FAX (508) 429-9251
MA LIC. A8999, 4536A1

MR. CHRIS WEBER
Sold To: CONSIGLI CONSTRUCTION COMPANY, INC.
72 SUMNER STREET
MILFORD, MA 01757

Work Done At: ARLINGTON HIGH SCHOOL
869 MASS AVENUE
ARLINGTON, MA 02476

JOB NO. 02698-00-20	PO Nbr	Terms Net 30 Days	PLEASE REMIT BY INVOICE NUMBER	P0072	Invoice Date 11/18/2021
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DESCRIPTION OF WORK:

RE: Job#2698- Arlington High School
Proposal#P0072

As directed via email on 10/21/2021, provide labor services and materials to install temporary power to Chilled Water Pump CHWP-7 so the heating system can be flushed out.

INVOICE TOTAL

5,069.64



Terms: Net 30 Days with 1.5% Interest on all Unpaid Balance over 30 days



**WAYNE J.
GRIFFIN ELECTRIC
INC.**

November 19, 2021

VIA EMAIL ONLY: cweber@consigli.com

Mr. Chris Weber, Project Manager
Consigli Construction Company, Inc.
72 Sumner Street
Milford, MA 01757

RE: Job #2698 - Arlington High School, Arlington, MA
Proposal #72

Dear Mr. Weber:

In accordance with the field change order signed by your authorized representative, Thomas DeRosa, the contract should be modified to include the following revision per our enclosed detailed backup:

DESCRIPTION OF WORK:

As directed via email on October 21, 2021, provide labor services and materials to install temporary power to Chilled Water Pump CHWP-7 so the heating system can be flushed out.

The material pricing enclosed is based on industry recognized standardized unit rates obtained from R.S. Means, as agreed to for your review, approval and acceptance. The labor hours are as signed for and acknowledged by your on-site representative.

Total \$ 5,069.64 ✓

Please issue a written change order as the work above has been completed. The value included in this field change order does not include any amounts for changes in the sequence of work, disruptions, interference and/or impacts, and the right is expressly reserved to recover any and all of these related items prior to any final settlement of this contract. The working relationship between your company and ours shall be in accordance with our mutually agreed to contract form.

Corporate Headquarters:

116 Hopping Brook Road
Holliston, MA 01746
Phone: (508) 429-8830
Fax: (508) 429-7825

Regional Offices:

296 Cahaba Valley Parkway
Pelham, AL 35124
Phone: (205) 733-8848
Fax: (205) 733-8107

1950 Evergreen Boulevard
Suite 300
Duluth, GA 30096
Phone: (678) 417-9377
Fax: (678) 417-9373

2310 Presidential Drive
Suite 101
Durham, NC 27703
Phone: (919) 627-9724
Fax: (919) 627-9727

9801-C Southern Pine Boulevard
Charlotte, NC 28273
Phone: (704) 522-3851
Fax: (704) 522-3856

If you have any questions regarding the above, please do not hesitate to contact me at (508) 306-5313 or wpease@wjgei.com.

Very truly yours,

WAYNE J. GRIFFIN ELECTRIC, INC.



Wayne A. Pease
Senior Project Manager

WP/kab

ACKNOWLEDGMENT: The contract modifications stated for the above field change are acceptable for the work already performed. The value of the work completed to the date of the next requisition may be billed on that requisition.

Date: _____ Authorized Signature: _____

cc: John LaMarre, Senior Project Manager, Consigli Construction Company, Inc.,
JLaMarre@consigli.com
George Gray, Project Engineer, Wayne J. Griffin Electric, Inc.
Jeremiah Kimball, Project Foreman, Wayne J. Griffin Electric, Inc.



CCN#: P-0072, Slip 347 CHWP-7 Temp Feed
Date: 11/12/2021
Project Name: Arlington High School
Project Number: 02698-00-20
Page Number: 1

116 Hopping Brook Road, Holliston, MA 01746
 (508) 429-8830 FAX (508) 429-9251

Work Description

As directed via email on 10/21/2021, provide labor services and materials to install temporary power to Chilled Water Pump CHWP-7 so the heating system can be flushed out.

Itemized Breakdown

Description	Qty	Net Price	UM	Materials (\$)	Labor	Total Hours
Labor 10/23/20	1.00	0.0000	E	0.000	16.000	16.000
30A/3P/480V Circuit Breaker	1.00	121.4300	E	121.430	0.000	0.000
#10/3 MC Cable	600.00	2.7534	E	1,652.040	0.000	0.000
MC Connectors	2.00	0.9500	E	1.900	0.000	0.000
Tie Wraps	100.00	0.0057	E	0.570	0.000	0.000
Phase Totals				1,775.94		16.00
Totals				1,775.94		16.00
Tax				0.00		
Materials with Tax				1,775.94		

Summary

Itemized Breakdown Total			1,775.94	
Electrical Journeyman Overtime	(16.0000 hrs @ \$134.85 / hr)	2,157.60		2,157.60 ✓
Labor Burden	(\$2,157.60 @ 30.00%)	647.28	✓	
Overhead & Profit	(\$4,580.82 @ 10.00%)	458.08	✓	
Bond	(\$5,038.90 @ 0.61%)	30.74	✓	
		30.74	✓	
			1,136.10	✓
Total			\$5,069.64	✓

[illegible]

Jeremiah Kimball

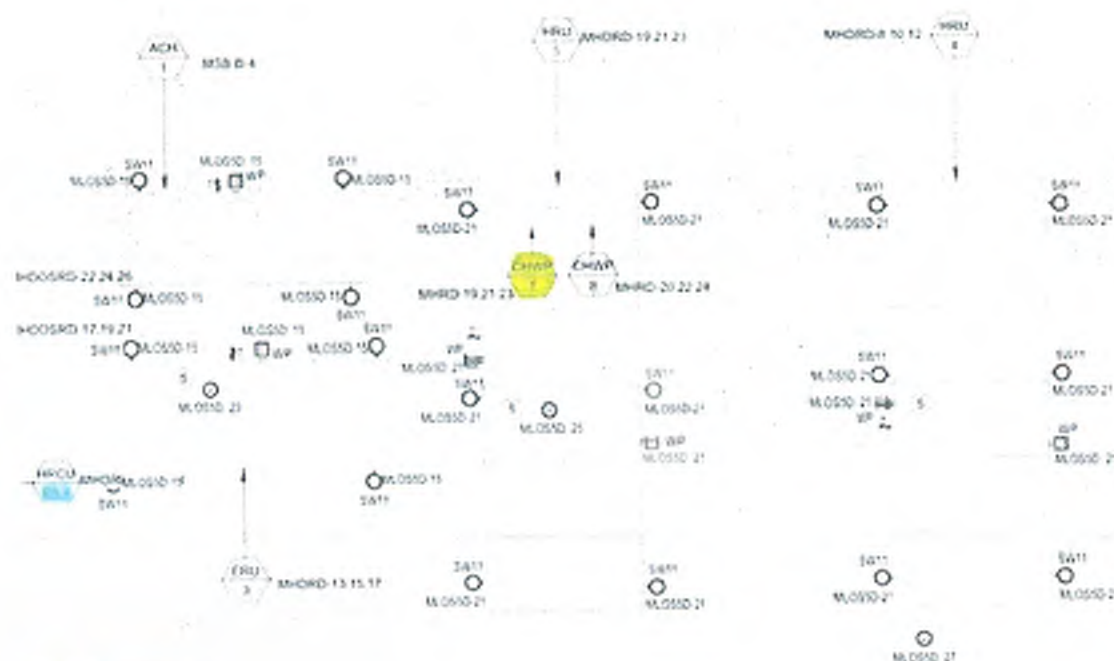
From: Samya, Kevin <ksamya@consigli.com>
Sent: Thursday, October 21, 2021 12:58 PM
To: Jeremiah Kimball; Wayne Pease; George Gray
Cc: Weber, Chris; Dockendorf, David; LaMarre, John; McWilliams, Chuck; DeRosa, Thomas; Martino, Scott; Jensen, Michael
Subject: ARLHS - CHW Pump on D Roof Temp Power

Note: This email originated outside Wayne J. Griffin Electric. Use caution with replies, links and attachments. Please forward any suspicious looking email to spamcatcher@wjgei.com.

Jeremiah,

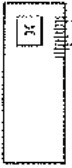
As discussed this morning, we need to provide temporary power to a chilled water pump inside of HRU-5 on Building D Roof. The reason for this is due to the oncoming winter weather and us not having permanent power to allow us to flush the chilled water pipe. There is exposed pipe that goes from ACH-1 to HRU-5 to HRU-4 that doesn't have heat trace and is exposed to the elements. By temporarily energizing the chilled water pumps we will be able to flush the system and introduce the required glycol which will protect the exposed pipe and coils inside of the equipment from freezing. Please proceed with this work and confirm when the material will be onsite.


Please discuss financials with Chris.



Let me know if you have any questions.

Regards,



Kevin Sanya
Assistant M/E/P Manager
m: 508.244.1698
 consigl.com



INVOICE

116 Hopping Brook Road, Holliston, MA 01746
(508) 429-8830 FAX (508) 429-9251
MA LIC. A8999, 4536A1

MR. CHRIS WEBER
Sold To: CONSIGLI CONSTRUCTION COMPANY, INC.
72 SUMNER STREET
MILFORD, MA 01757

Work Done At: ARLINGTON HIGH SCHOOL
869 MASS AVENUE
ARLINGTON, MA 02476

JOB NO. 02698-00-20	PO Nbr	Terms Net 30 Days	PLEASE REMIT BY INVOICE NUMBER	P0073	Invoice Date 11/18/2021
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DESCRIPTION OF WORK:

RE: Job#2698- Arlington High School
Proposal#P0073

As directed under CR 243, provide labor services and materials to install a temporary feed to the Boiler Pump to allow for the flushing of the heating system.

INVOICE TOTAL

4,162.87 ✓

Terms: Net 30 Days with 1.5% Interest on all Unpaid Balance over 30 days



**WAYNE J.
GRIFFIN ELECTRIC
INC.**

November 19, 2021

VIA EMAIL ONLY: cweber@consigli.com

Mr. Chris Weber, Project Manager
Consigli Construction Company, Inc.
72 Sumner Street
Milford, MA 01757

RE: Job #2698 - Arlington High School, Arlington, MA
Proposal #73

Dear Mr. Weber:

In accordance with the field change order signed by your authorized representative, Thomas DeRosa, the contract should be modified to include the following revision per our enclosed detailed backup:

DESCRIPTION OF WORK:

As directed under CR-243, provide labor services and materials to install a temporary feed to the Boiler Pump to allow for the flushing of the heating system.

The material pricing enclosed is based on industry recognized standardized unit rates obtained from R.S. Means, as agreed to for your review, approval and acceptance. The labor hours are as signed for and acknowledged by your on-site representative.

Total \$ 4,162.87 ✓

Please issue a written change order as the work above has been completed. The value included in this field change order does not include any amounts for changes in the sequence of work, disruptions, interference and/or impacts, and the right is expressly reserved to recover any and all of these related items prior to any final settlement of this contract. The working relationship between your company and ours shall be in accordance with our mutually agreed to contract form.

Corporate Headquarters:

116 Hopping Brook Road
Holliston, MA 01746
Phone: (508) 429-8830
Fax: (508) 429-7825

Regional Offices:

296 Cahaba Valley Parkway
Pelham, AL 35124
Phone: (205) 733-8848
Fax: (205) 733-8107

1950 Evergreen Boulevard
Suite 300
Duluth, GA 30096
Phone: (678) 417-9377
Fax: (678) 417-9373

2310 Presidential Drive
Suite 101
Durham, NC 27703
Phone: (919) 627-9724
Fax: (919) 627-9727

9801-C Southern Pine Boulevard
Charlotte, NC 28273
Phone: (704) 522-3851
Fax: (704) 522-3856

If you have any questions regarding the above, please do not hesitate to contact me at (508) 306-5313 or wpease@wjgei.com.

Very truly yours,

WAYNE J. GRIFFIN ELECTRIC, INC.



Wayne A. Pease
Senior Project Manager

WP/kab

ACKNOWLEDGMENT: The contract modifications stated for the above field change are acceptable for the work already performed. The value of the work completed to the date of the next requisition may be billed on that requisition.

Date: _____ Authorized Signature: _____

cc: John LaMarre, Senior Project Manager, Consigli Construction Company, Inc.,
JLaMarre@consigli.com
George Gray, Project Engineer, Wayne J. Griffin Electric, Inc.
Jeremiah Kimball, Project Foreman, Wayne J. Griffin Electric, Inc.



CCN#: P-0073, Slip 352 CR 243 Boiler Pump Temp Fe
Date: 11/12/2021
Project Name: Arlington High School
Project Number: 02698-00-20
Page Number: 1

116 Hopping Brook Road, Holliston, MA 01746
 (508) 429-8830 FAX (508) 429-9251

Work Description

As directed under CR 243, provide labor services and materials to install a temporary feed to the Boiler Pump to allow for the flushing of the heating system.

Itemized Breakdown

Description	Qty	Net Price	UM	Materials (\$)	Labor	Total Hours
Labor 10/9/20	1.00	0.0000	E	0.000	16.000	16.000
30A/3P/250V Circuit Breaker	1.00	128.4000	E	128.400	0.000	0.000
#10/3 MC Cable	300.00	2.7534	E	826.020	0.000	0.000
MC Connectors	2.00	0.9500	E	1.900	0.000	0.000
Tie Wraps	50.00	0.0056	E	0.280	0.000	0.000
Phase Totals				956.60		16.00
Totals				956.60		16.00
Tax				0.00		
Materials with Tax				956.60		

Summary

Itemized Breakdown Total		956.60	
Electrical Journeyman Overtime	(16.0000 hrs @ \$134.85 / hr)	2,157.60	
		2,157.60	✓
Labor Burden	(\$2,157.60 @ 30.00%)	647.28	
		647.28	✓
Overhead & Profit	(\$3,761.48 @ 10.00%)	376.15	
		376.15	✓
Bond	(\$4,137.63 @ 0.61%)	25.24	
		25.24	✓
		1,048.67	✓
Total		\$4,162.87	✓


CONSIGLI
Est. 1905

SLIP TRACKING

REF.

CCC - CR243A

352

Project Name	Arlington High School	Job# 2153	Date 10/11/21
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THIS DOCUMENT IS TO BE USED FOR TRACKING PURPOSES ONLY:
(This document is not intended to constitute as acceptance of additional work to the contract nor does this document infer that the contractor will be compensated for the work performed)

Contractor	WJGEI
Contractor (Foreman's Signature)	
Contractor Extra Work #	
Cost Code	CE243
Time Begin (Consigli Signature Required)	
Time Complete (Consigli Signature Required)	
Work Performed	TEMP WT FEED FOR BOILER PUMP FOR RISK TO ENERGEATE 3 EVUISH HEATING SYSTEM
Manpower	(2) ELECTRICIANS X 2 HRS
Materials	SEE ATTACHED

FOR OFFICE USE ONLY

Comments	H.R. SKANSKA 10/27/21		
Category (Check One)	<input type="checkbox"/> Internal	<input checked="" type="checkbox"/> Owner	<input type="checkbox"/> Backcharge
Status (Check One)	<input type="checkbox"/> Rejected	<input type="checkbox"/> Accepted	<input type="checkbox"/> Pending
Reference drawing or specification section:			

White: PM

Yellow: Contractor Copy

Pink: Remains



INVOICE

116 Hopping Brook Road, Holliston, MA 01746
(508) 429-8830 FAX (508) 429-9251
MA LIC. A8999, 4536A1

MR. CHRIS WEBER
Sold To: CONSIGLI CONSTRUCTION COMPANY, INC.
72 SUMNER STREET
MILFORD, MA 01757

Work Done At: ARLINGTON HIGH SCHOOL
869 MASS AVENUE
ARLINGTON, MA 02476

JOB NO. 02698-00-20	PO Nbr	Terms Net 30 Days	PLEASE REMIT BY INVOICE NUMBER	P0076	Invoice Date 11/25/2021
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DESCRIPTION OF WORK:

RE: Job#2698- Arlington High School
Proposal#P0076

As directed under CR 213, provide overtime labor services and materials to provide branch power and connections for (2) two temporary heaters.

INVOICE TOTAL

10,300.43



Terms: Net 30 Days with 1.5% Interest on all Unpaid Balance over 30 days



**WAYNE J.
GRIFFIN ELECTRIC
INC.**

November 29, 2021

VIA EMAIL ONLY: cweber@consigli.com

Mr. Chris Weber, Project Manager
Consigli Construction Company, Inc.
72 Sumner Street
Milford, MA 01757

RE: Job #2698 - Arlington High School, Arlington, MA
Proposal #76

Dear Mr. Weber:

In accordance with the field change order signed by your authorized representative, Dave Dockendorf, the contract should be modified to include the following revision per our enclosed detailed backup:

DESCRIPTION OF WORK:

As directed under CR-213, provide overtime labor services and materials to provide branch power and connections for two (2) temporary heaters.

The material pricing enclosed is based on industry recognized standardized unit rates obtained from R.S. Means, as agreed to for your review, approval and acceptance. The labor hours are as signed for and acknowledged by your on-site representative.

Total \$ 10,300.43 ✓

Please issue a written change order as the work above has been completed. The value included in this field change order does not include any amounts for changes in the sequence of work, disruptions, interference and/or impacts, and the right is expressly reserved to recover any and all of these related items prior to any final settlement of this contract. The working relationship between your company and ours shall be in accordance with our mutually agreed to contract form.

Corporate Headquarters:

116 Hopping Brook Road
Holliston, MA 01746
Phone: (508) 429-8830
Fax: (508) 429-7825

Regional Offices:

296 Cahaba Valley Parkway
Pelham, AL 35124
Phone: (205) 733-8848
Fax: (205) 733-8107

1950 Evergreen Boulevard
Suite 300
Duluth, GA 30096
Phone: (678) 417-9377
Fax: (678) 417-9373

2310 Presidential Drive
Suite 101
Durham, NC 27703
Phone: (919) 627-9724
Fax: (919) 627-9727

9801-C Southern Pine Boulevard
Charlotte, NC 28273
Phone: (704) 522-3851
Fax: (704) 522-3856

If you have any questions regarding the above, please do not hesitate to contact me at (508) 306-5313 or wpease@wjgei.com.

Very truly yours,

WAYNE J. GRIFFIN ELECTRIC, INC.



Wayne A. Pease
Senior Project Manager

WP/kab

ACKNOWLEDGMENT: The contract modifications stated for the above field change are acceptable for the work already performed. The value of the work completed to the date of the next requisition may be billed on that requisition.

Date: _____ Authorized Signature: _____

cc: John LaMarre, Senior Project Manager, Consigli Construction Company, Inc.,
JLaMarre@consigli.com
George Gray, Project Engineer, Wayne J. Griffin Electric, Inc.
Jeremiah Kimball, Project Foreman, Wayne J. Griffin Electric, Inc.



CCN#: P-0076, CR 213 Power for Temp Heaters
Date: 11/23/2021
Project Name: Arlington High School
Project Number: 02698-00-20
Page Number: 1

116 Hopping Brook Road, Holliston, MA 01746
 (508) 429-8830 FAX (508) 429-9251

Work Description

As directed under CR 213, provide Premium Time labor services and materials to provide power for (2) temporary heaters.

Itemized Breakdown

Description	Qty	Net Price	UM	Materials (\$)	Labor	Total Hours
Labor 11/2/21 - 11/3/21	1.00	0.0000	E	0.000	35.000	35.000
#2-4 SER Aluminum	400.00	2.8899	E	1,155.960	0.000	0.000
#12/2 Romex	1,000.00	0.8788	E	878.800	0.000	0.000
100A/3P/600V Disconnect	1.00	330.0000	E	330.000	0.000	0.000
100A/3P/600V Breaker	1.00	754.0000	E	754.000	0.000	0.000
1-1/4 SER Connector	4.00	3.2100	E	12.840	0.000	0.000
4" Square Box	4.00	5.2000	E	20.800	0.000	0.000
4" Square Cover	2.00	0.8100	E	1.620	0.000	0.000
Red Wirenuts	10.00	0.0700	E	0.700	0.000	0.000
#12 Ground Screw Pigtails	4.00	0.9300	E	3.720	0.000	0.000
Romex Connector	8.00	0.6063	E	4.850	0.000	0.000
Single Pole Switch	2.00	2.9600	E	5.920	0.000	0.000
Switch Mulberry Cover	2.00	1.1850	E	2.370	0.000	0.000
Phase Totals				3,171.58		35.00
Totals				3,171.58		35.00
Tax				0.00		
Materials with Tax				3,171.58		

Summary

Itemized Breakdown Total			3,171.58
Electrical Foreman Overtime	(3.0000 hrs @ \$134.85 / hr)	404.55	
Electrical Journeyman Overtime	(32.0000 hrs @ \$134.85 / hr)	4,315.20	
			4,719.75 ✓
Labor Burden	(\$4,719.75 @ 30.00%)	1,415.92	
		1,415.92 ✓	
Overhead & Profit	(\$9,307.25 @ 10.00%)	930.73	
		930.73 ✓	
Bond	(\$10,237.98 @ 0.61%)	62.45	
		62.45 ✓	
			2,409.10 ✓
Total			\$10,300.43 ✓


CONSIGLI
Est. 1905

SLIP TRACKING

REF.
375

Project Name	Arlington High School	Job# 2153	Date	10/30/21
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THIS DOCUMENT IS TO BE USED FOR TRACKING PURPOSES ONLY:
(This document is not intended to constitute as acceptance of additional work to the contract nor does this document infer that the contractor will be compensated for the work performed)

Contractor	WJGEI
Contractor (Foreman's Signature)	
Contractor Extra Work #	
Cost Code	CR213
Time Begin (Consigli Signature Required)	
Time Complete (Consigli Signature Required)	
Work Performed	ADD POWER TO TEMP HEATER (2) HEATERS (PT)
Manpower	(1) FOREMAN x 3hrs (4) ELECTRICIANS x 8hrs 3hrs
Materials	SEE ATTACHED

FOR OFFICE USE ONLY

Comments	H. E. SKLANSKA 11/15/21		
Category (Check One)	<input type="checkbox"/> Internal	<input checked="" type="checkbox"/> Owner	<input type="checkbox"/> Backcharge
Status (Check One)	<input type="checkbox"/> Rejected	<input type="checkbox"/> Accepted	<input type="checkbox"/> Pending
Reference drawing or specification section:			

White: PM
Yellow: Contractor Copy
Pink: Remains

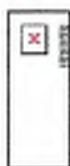
WAYNE J. GRIFFIN ELECTRIC INC.				WORK AUTHORIZATION				Check one:	
116 HOPPING BROOK ROAD								Time & Material <input checked="" type="checkbox"/>	
HOLLISTON, MA 01746								Service Division <input type="checkbox"/>	
TEL: 508-429-8830 FAX 508-429-7825				Reference Number:				Other - Specify <input type="checkbox"/>	
Consigli				Add power to temp heater Per Dave Dockendorf email attached				Emergency Call <input type="checkbox"/>	
72 Sumner Street				email. Add power to (2) temp heaters on premium time					
Milford				MA, 01757				Customer PO	
PREWORK AUTHORIZATION				Dave Dockendorf, VIA EMAIL DATED 10/30/2021				Date: 10-30-21	
AUTHORIZED SIGNATURE:									
YOU ARE HEREBY AUTHORIZED TO PERFORM THE ABOVE ADDITIONAL WORK UNDER THE SAME CONDITIONS AS SPECIFIED IN THE ORIGINAL CONTRACT PROPOSAL UNLESS OTHERWISE STIPULATED.									
MATERIAL AND LABOR BREAKDOWN									
400	#2- 4 SER aluminum								
1000	12-2 romex								
1	100 amp 3 phase 600v disconnect								
1	100 amp 3 phase 600v breaker								
4	1-1/4/2 connector ser								
4	4" square								
2	4" blank cover								
10	wire nuts								
4	grounding pigtail								
8	romex connector								
2	single pole switch								
2	switch mulberry cover								
TIME AND LABOR RECORD									
Worker:	Date:	Hours:	Worker:	Date:	Hours:	Worker:	Date:	Hours:	Total Man Hours
Jeremiah Kimball	11/3/2021	3	Andrew Cunningham	11/2/2021	8				
Dennis Michael Jean Jr.	11/2/2021	8							
Greg Corley	11/2/2021	8							
Javier Vazquez	11/2/2021	8							35
Electronic copy on file									
Post work Authorized Signatur								DATE:	
The labor and materials listed above are accurate and the work was completed satisfactorily									

Jeremiah Kimball

From: Dockendorf, David <ddockendorf@consigli.com>
Sent: Saturday, October 30, 2021 12:59 PM
To: Wayne Pease
Cc: Samya, Kevin; Jensen, Michael; Jeremiah Kimball; Weber, Chris; LaMarre, John
Subject: RE: ArlHS - Temp water heater at Room 235 for D Lobby radiant slab
Attachments: State Water Heater.pdf

Note: This email originated outside Wayne J. Griffin Electric. Use caution with replies, links and attachments. Please forward any suspicious looking email to spamcatcher@wjgei.com.

Wayne,
Please proceed with providing the temp wiring necessary to power this water heater (and associated circulation pumps & controller) being used to heat the radiant slab, being control from room 235. Please track this time of a T&M basis.
Thanks,
Dave



David Dockendorf, LEED AP, CM-Lean
Project Manager
t: 774-217-0575 | m: 774-217-0575
consigli.com



From: Jeremiah Kimball <jkimball@WJGEI.com>
Sent: Tuesday, October 26, 2021 5:31 PM
To: Dockendorf, David <ddockendorf@consigli.com>
Cc: Samya, Kevin <ksamya@consigli.com>; Jensen, Michael <MJensen@consigli.com>
Subject: RE: ArlHS - Temp water heater at Room 235 for D Lobby radiant slab

Dave,

We should be fine to add 65 amps. I just need to talk to Chuck. He wanted to add (3) heaters. I need to follow up on that.

Thank you,

Jeremiah Kimball
Project Foreman
Wayne J. Griffin Electric, Inc.
JKimball@WJGEI.com
Cell: 978-302-6438
Office: 508-429-8830 X1623

From: Dockendorf, David <ddockendorf@consigli.com>
Sent: Tuesday, October 26, 2021 3:21 PM
To: Jeremiah Kimball <jkimball@WJGEI.com>

Cc: Samya, Kevin <ksamya@consigli.com>; Jensen, Michael <MJensen@consigli.com>
Subject: ArlHS - Temp water heater at Room 235 for D Lobby radiant slab

Note: This email originated outside Wayne J. Griffin Electric. Use caution with replies, links and attachments. Please forward any suspicious looking email to spamcatcher@wjgei.com.

Jeremiah,

Can you review and confirm we have ample temp power to support this State Water heater (480/3P draws 65 Amps)?

Thanks,

Dave



David Dockendorf, LEED AP, CM-Lean
Project Manager
t: 774-217-0575 | m: 774-217-0575
 consigli.com

From: Patrick Kennedy <patrick@pkennedy.com>
Sent: Tuesday, October 26, 2021 1:55 PM
To: Dockendorf, David <ddockendorf@consigli.com>
Cc: William Gray <wgray@pkennedy.com>; Samya, Kevin <ksamya@consigli.com>
Subject: RE: ArlHS - Temp water heater (EWH-12) at Room 235 for D Lobby radiant slab

Dave

Attached is Submittal data on a State Electric Water Heater (480V/3PH) that I am told is available to ship out if I were to order it. It would get us close to the output required for design load. Please check with your electrician and confirm, the temp power is available and let me know if you want me to order ...

Let me know



Patrick Kennedy | Vice President
Patrick J. Kennedy & Sons, Inc.
Mechanical Contractors
39 Gibson Street, Boston, MA 02122
P: 617.446.8000 F: 617.265.5126
www.pkennedy.com

 please consider the environment before printing this email

This email from Patrick J. Kennedy & Sons, Inc. is intended only for the individual(s) to whom it is addressed. This e-mail may contain information that is privileged, confidential, and exempt from disclosure under applicable law. If you are not the intended recipient,



INVOICE

116 Hopping Brook Road, Holliston, MA 01746
(508) 429-8830 FAX (508) 429-9251
MA LIC. A8999, 4536A1

MR. CHRIS WEBER
Sold To: CONSIGLI CONSTRUCTION COMPANY, INC.
72 SUMNER STREET
MILFORD, MA 01757

Work Done At: ARLINGTON HIGH SCHOOL
869 MASS AVENUE
ARLINGTON, MA 02476

JOB NO. 02698-00-20	PO Nbr	Terms Net 30 Days	PLEASE REMIT BY INVOICE NUMBER	P0093	Invoice Date 12/28/2021
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DESCRIPTION OF WORK:

RE: Job#2698- Arlington High School
Proposal#P0093

As directed in the field under CR 243, provide labor services and materials to open and power fire smoke dampers for mechanical unit startup scheduled for 11/22/21.

INVOICE TOTAL

3,590.48



Terms: Net 30 Days with 1.5% Interest on all Unpaid Balance over 30 days



**WAYNE J.
GRIFFIN ELECTRIC
INC.**

December 29, 2021

VIA EMAIL ONLY: cweber@consigli.com

Mr. Chris Weber, Project Manager
Consigli Construction Company, Inc.
72 Sumner Street
Milford, MA 01757

RE: Job #2698 - Arlington High School, Arlington, MA
Proposal #93

Dear Mr. Weber:

In accordance with the field change order signed by your authorized representative, the contract should be modified to include the following revision per our enclosed detailed backup:

DESCRIPTION OF WORK:

As directed in the field under CR-243, provide labor services and materials to open and power fire smoke dampers for mechanical unit startup scheduled for November 22, 2021.

The material pricing enclosed is based on industry recognized standardized unit rates obtained from R.S. Means, as agreed to for your review, approval and acceptance. The labor hours are as signed for and acknowledged by your on-site representative.

Total \$ 3,590.48 ✓

Please issue a written change order as the work above has been completed. The value included in this field change order does not include any amounts for changes in the sequence of work, disruptions, interference and/or impacts, and the right is expressly reserved to recover any and all of these related items prior to any final settlement of this contract. The working relationship between your company and ours shall be in accordance with our mutually agreed to contract form.

Corporate Headquarters:

116 Hopping Brook Road
Holliston, MA 01746
Phone: (508) 429-8830
Fax: (508) 429-7825

Regional Offices:

296 Cahaba Valley Parkway
Pelham, AL 35124
Phone: (205) 733-8848
Fax: (205) 733-8107

1950 Evergreen Boulevard
Suite 300
Duluth, GA 30096
Phone: (678) 417-9377
Fax: (678) 417-9373

2310 Presidential Drive
Suite 101
Durham, NC 27703
Phone: (919) 627-9724
Fax: (919) 627-9727

9801-C Southern Pine Boulevard
Charlotte, NC 28273
Phone: (704) 522-3851
Fax: (704) 522-3856

If you have any questions regarding the above, please do not hesitate to contact me at (508) 306-5313 or wpease@wjgei.com.

Very truly yours,

WAYNE J. GRIFFIN ELECTRIC, INC.



Wayne A. Pease
Senior Project Manager

WP/kab

ACKNOWLEDGMENT: The contract modifications stated for the above field change are acceptable for the work already performed. The value of the work completed to the date of the next requisition may be billed on that requisition.

Date: _____ Authorized Signature: _____

cc: John LaMarre, Senior Project Manager, Consigli Construction Company, Inc.,
JLaMarre@consigli.com
George Gray, Project Engineer, Wayne J. Griffin Electric, Inc.
Jeremiah Kimball, Project Foreman, Wayne J. Griffin Electric, Inc.



CCN#: P-0093, CR 243 Power F/S Dampers for Start-u
Date: 12/21/2021
Project Name: Arlington High School
Project Number: 02698-00-20
Page Number: 1

116 Hopping Brook Road, Holliston, MA 01746
 (508) 429-8830 FAX (508) 429-9251

Work Description

As directed in the field under CR 243, provide labor services and materials to open and power fire smoke dampers for mechanical unit startup scheduled for 11/22/21.

Itemized Breakdown

Description	Qty	Net Price	UM	Materials (\$)	Labor	Total Hours
Labor 11/20/21	1.00	0.0000	E	0.000	24.000	24.000
12-2 Romex	500.00	0.8788	E	439.400	0.000	0.000
Phase Totals				439.40		24.00
	Totals			439.40		24.00
	Tax			0.00		
	Materials with Tax			439.40		

Summary

	Itemized Breakdown Total		439.40	
Electrical Journeyman	(24.0000 hrs @ \$89.90 / hr)	2,157.60		
			2,157.60	✓
Labor Burden	(\$2,157.60 @ 30.00%)	647.28		
		647.28		✓
Overhead & Profit	(\$3,244.28 @ 10.00%)	324.43		
		324.43		✓
Bond	(\$3,568.71 @ 0.61%)	21.77		
		21.77		✓
			993.48	✓
Total			\$3,590.48	✓

REF.

402



CONSIGLI

Est. 1905

SLIP TRACKING

Project Name	Arlington High School	Job# 2153	Date	11/19/21
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THIS DOCUMENT IS TO BE USED FOR TRACKING PURPOSES ONLY:

(This document is not intended to constitute as acceptance of additional work to the contract nor does this document infer that the contractor will be compensated for the work performed)

Contractor	WJBE1
Contractor (Foreman's Signature)	
Contractor Extra Work #	
Cost Code	CR243
Time Begin (Consigli Signature Required)	
Time Complete (Consigli Signature Required)	
Work Performed	open / power smoke damper for mech. unit startup 11/22 (PT)
Manpower	(4) ELECT. x Ghosh 21/PT hrs
Materials	SEE ATTACHED

FOR OFFICE USE ONLY

Comments	CR - 243A 11/19/21		
Category (Check One)	<input type="checkbox"/> Internal	<input type="checkbox"/> Owner	<input type="checkbox"/> Backcharge
Status (Check One)	<input type="checkbox"/> Rejected	<input type="checkbox"/> Accepted	<input type="checkbox"/> Pending
Reference drawing or specification section:			

White: PM

Yellow: Contractor Copy

Pink: Remains

[illegible]

Jeremiah Kimball

From: Weber, Chris <cweber@consigli.com>
Sent: Friday, November 19, 2021 8:18 AM
To: Jeremiah Kimball; Wayne Pease
Cc: DeRosa, Thomas; McWilliams, Chuck; LaMarre, John; Dockendorf, David; Samya, Kevin
Subject: 2153 - Authorization for FSD Temp Circuits T&M_CR273

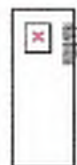
Note: This email originated outside Wayne J. Griffin Electric. Use caution with replies, links and attachments. Please forward any suspicious looking email to spamcatcher@wjgei.com.

Jeremiah,

As discussed during yesterday's meeting we need WJGEI to open/power fire smoke dampers for mechanical unit startup scheduled for 11/22. Based on conversations there is 1 circuit per floor for the FSDs, please provide temp circuits for FSDs and power the top floor by 11/20 to have all open by 11/22.

Please track on T&M reference CR243.

Thanks



Chris Weber
Project Manager
m: 774.573.4072
 consigli.com



Patrick J. Kennedy & Sons, Inc.
MECHANICAL CONTRACTORS

39 Gibson Street
 Boston, MA 02122-1222
 Ph : (617)265-5535

PROPOSED CHANGE ORDER

Number: 019

Date: 10/28/21

Phone:

Job: 2020-21 Arlington HS Main Package

To: Chris Weber
 Consigli Construction Co. Inc.
 72 Sumner Street
 Milford, MA 01757
 Ph: 857-300-6900

Description: Transformer Rigging Charges

Additional costs incurred to hoist and set Transformer. This work has been completed as directed. Please process and forward a Change Order.

Description	Quantity	Unit	Unit Price	Price
CJ Shaughnessy Charges				\$1,200.00 ✓
			Subtotal:	\$1,200.00
	PJK Mark-up	\$1,200.00	10.00%	\$120.00 ✓
	Bond Cost	\$1,320.00	1.50%	\$19.80 ✓
			Total:	\$1,339.80 ✓

If you have any questions, please contact me at 617-446-8000.

Submitted by: Patrick Kennedy
 Patrick J. Kennedy & Sons, Inc

Approved by: _____
 Date: _____

CJ Shaughnessy Crane Service, Inc.
520 Bodwell Street Ext
Avon, MA 02322
(781)315-5321
cjshaughnessycrane@gmail.com
http://cjshaughnessy-crane-service.com



INVOICE

INVOICE # 9922
DATE 10/26/2021
DUE DATE 11/25/2021
TERMS Net 30

BILL TO
PJ Kennedy and Sons
39 Gibson Street
Boston, MA 02122

PLEASE DETACH TOP PORTION AND RETURN WITH YOUR PAYMENT.

JOB #
Bill Grey

JOB SITE
869 Mass Ave Arlington

DATE	ACTIVITY	QTY	RATE	AMOUNT
10/06/2021	35 ton crane rental Hoist and reset (1) transformer as directed	1	1,200.00	1,200.00

Please remit payment to:
C.J. Shaughnessy Crane Service, Inc.
520 Bodwell St Ext
Avon, MA 02322

BALANCE DUE

\$1,200.00 ✓

781-315-5321

A monthly interest charge of 1.5% will be applied to all unpaid balances
after 30 days.



Patrick J. Kennedy & Sons, Inc.
MECHANICAL CONTRACTORS

39 Gibson Street
Boston, MA 02122-1222
Ph: (617)265-5535

CCC - CR243A
PROPOSED CHANGE ORDER

Number: 025

Date: 1/7/22

Phone:

Job: 2020-21 Arlington HS Main Package

To: Chris Weber
Consgill Construction Co. Inc.
72 Sumner Street
Milford, MA 01757
Ph: 857-300-6900

Description: Temporary Water Heater

Additional costs to provide and install temporary Electric water heater to serve radiant slab heating system.

This work has been completed on a T&M basis as directed.

Description	Quantity	Unit	Unit Price	Price
Labor				\$4,600.92
Equipment				\$150.00
Material				\$8,424.19
			Subtotal:	\$13,175.11
	PJK Mark-up	\$13,175.11	10.00%	\$1,317.51
	Bond Cost	\$14,492.62	1.50%	\$217.39
			Total:	\$14,710.01

If you have any questions, please contact me at 617-446-8000.

Submitted by: Patrick Kennedy
Patrick J. Kennedy & Sons, Inc

Approved by: _____
Date: _____

COST SUMMARY

Description	CR243 - Temp Water Heater						
Job Name	Arlington HS						
General	Consigli Construction						
Labor				Hours	Rate	Total	
	Project Manager	Hr	ST	0.0	\$ 125.00	\$ -	
	Cadd Draftsman	Hr	ST	0.0	\$ 132.14	\$ -	
	Pipefitter Foreman	Hr	ST	17.5	\$ 132.14	\$ 2,312.45	
	Pipefitter Foreman	Hr	OT	0.0	\$ 174.63	\$ -	
	Pipefitter Foreman	Hr	DT	0.0	\$ -	\$ -	
	Pipefitter Journeyman	Hr	ST	19.0	\$ 114.13	\$ 2,168.47	
	Pipefitter Journeyman	Hr	OT	0.0	\$ 151.67	\$ -	
	Pipefitter Journeyman	Hr	DT	0.0	\$ -	\$ -	
	Truck Driver	Hr	ST	2.0	\$ 60.00	\$ 120.00	
					Total Labor		\$ 4,600.92
Equipment							
	Burning & Welding Equipment	Day		0.0	\$ 120.00		\$ -
	Scissor Lift	WK		0.0	\$ 200.00		\$ -
	Rigid Press Tool	Day		2.0	\$ 75.00		\$ 150.00
					Total Equipment		\$ 150.00
Materials	Description	UM	QTY	UNIT PRICE		TOTAL	
	119 Gal - 36KW Water Heater		1	\$ 6,845.73		\$ 6,845.73	
	1-1/4" Copper PP Cap		4	\$ 12.63		\$ 50.52	
	1-1/4" Copper PP 90		16	\$ 13.71		\$ 219.30	
	1-1/4" Copper PP Coupling		14	\$ 7.36		\$ 103.03	
	1-1/4" x 3/4" Copper PP Tee		5	\$ 16.09		\$ 80.47	
	1-1/4" Copper PP Tee		6	\$ 17.59		\$ 105.53	
	3/4" Copper PP 90		9	\$ 3.37		\$ 30.29	
	1-1/4" Copper PP Ball Valve		2	\$ 66.15		\$ 132.31	
	3/4" IPS x Hose End Ball Valve		1	\$ 53.09		\$ 53.09	
	3/4" Copper PP x Male Adapter		2	\$ 4.32		\$ 8.65	
	3/4" Copper PP x Female Adapter		2	\$ 4.69		\$ 9.37	
	1-1/4" x 3/4" Copper PP Reducer		1	\$ 23.49		\$ 23.49	
	3/4" Copper PP x Hose Ball Valve		3	\$ 57.13		\$ 171.40	
	Expansion Tank		1	\$ 65.01		\$ 65.01	
	3/4" Vacuum Breaker		1	\$ 18.28		\$ 18.28	
	1-1/4" Copper L Tubing		40	\$ 7.48		\$ 299.20	
	3/4" Copper L Tubing		10	\$ 3.86		\$ 38.61	
	1-1/4" Copper F&M Ring		2	\$ 1.29		\$ 2.57	
	1-1/4" x 4" Black Nipple		1	\$ 6.06		\$ 6.06	
	3/4" Autovent		1	\$ 161.29		\$ 161.29	
					Total Material		\$ 8,424.19


CONSIGLI
Est. 1905

SLIP TRACKING

REF.

CCC - CR243A

379

Project Name	Arlington High School	Job# 2153	Date 11/5/21
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Contractor	PT KENNEDY
Contractor (Foreman's Signature)	
Contractor Extra Work #	18470
Cost Code	CR243
Time Begin (Consigli Signature Required)	
Time Complete (Consigli Signature Required)	
Work Performed	REPLACE DI ELECTRIC MOTORS THAT LEAKING. - Kill System / Bypass AIR - Switched pipe between radiant manifolds terminated pipe
Manpower	(1) Foreman x 8 hrs
Materials	SEE ATTACHED

FOR OFFICE USE ONLY

Comments	H.R. SKANSKA 11/15/21		
Category (Check One)	<input type="checkbox"/> Internal	<input type="checkbox"/> Owner	<input type="checkbox"/> Backcharge
Status (Check One)	<input type="checkbox"/> Rejected	<input type="checkbox"/> Accepted	<input type="checkbox"/> Pending
Reference drawing or specification section:			

White: PM

Yellow: Contractor Copy

Pink: Remains



SERVICE ORDER

PATRICK J. KENNEDY & SONS, INC.
 Mechanical Contractors
 39 Gibson Street, Boston, Massachusetts 02122
 (617) 265-5535 Fax (617) 265-5126
 www.pjkennedy.com

Service Location AHS		Acct. No.		Date 11/5/21		Bill to (<input type="checkbox"/> If same as service location)																																																																																																																									
Name				Name Consigli																																																																																																																											
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Service Performed																																																																																																																															
- Replaced di-electric nipples that were leaking - Fill system and bled air - Switched purge between radiant manifolds and continued to purge air from system - Monitored system																																																																																																																															
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Accepted by Customer (Authorized Signature)						Date																																																																																																																									



REF.

CCC - CR243A

380

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Est. 1905

SLIP TRACKING

Project Name	Arlington High School	Job# 2153	Date	11/8/21
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THIS DOCUMENT IS TO BE USED FOR TRACKING PURPOSES ONLY:

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Contractor	PT KENNEDY
Contractor (Foreman's Signature)	
Contractor Extra Work #	18471
Cost Code	CR22113
Time Begin (Consigli Signature Required)	
Time Complete (Consigli Signature Required)	
Work Performed	- Record Area - make adjustments to manholes - met w/ CCC to review slab form adjustments
Manpower	(1) Foreman x 2 hrs
Materials	SEE ATTACHED

FOR OFFICE USE ONLY

Comments	H. R. SKANSKA 11/15/21		
Category (Check One)	<input type="checkbox"/> Internal	<input checked="" type="checkbox"/> Owner	<input type="checkbox"/> Backcharge
Status (Check One)	<input type="checkbox"/> Rejected	<input checked="" type="checkbox"/> Accepted	<input type="checkbox"/> Pending
Reference drawing or specification section:			

White: PM

Yellow: Contractor Copy

Pink: Remains



SERVICE ORDER

PATRICK J. KENNEDY & SONS, INC.
 Mechanical Contractors
 39 Gibson Street, Boston, Massachusetts 02122
 (617) 265-5535 Fax (617) 265-5126
 www.pjkennedy.com

Service Location AHS		Acct. No.		Date 11/8/21		Bill to (<input type="checkbox"/> If same as service location)		
Name				Name Consigli				
Address				Address 869 Mass Ave				
City		State		City Arlington		State MA Zip		
Contact Person			Tel. No.		Cust. P.O. No.		Attention	
Purpose of Call								
Contract No.		<input type="checkbox"/> Service Contract <input type="checkbox"/> Charge		<input type="checkbox"/> Warranty <input checked="" type="checkbox"/> Contract Extra		Technician #1 Craig Ouellette Technician #2		
Service Performed								
<ul style="list-style-type: none"> - Purged air - Made adjustment to manifold - Met with Dave D. and Bill Gray to discuss plan going forward in order to adjust slab temp. 								
<input type="checkbox"/> Work Completed		<input type="checkbox"/> Work Incomplete		If Incomplete, Explain				
Recommendation								
QTY.	Description & Part No.	Unit	Total	Lbs.	Environmental Charge	Rate/Lb.	Total	
	Truck/Trip Charge				R- Recovered			
				HRS.	Equipment Charges	Rate	Total	
				HRS.	Labor Description	Rate	Total	
					Craig	Straight	2	
						Overtime		
						Straight		
						Overtime		
				Total Materials				
				Total Labor				
				Parking & Travel Costs				
				Environmental & Equipment Charge				
				Sales Tax				
				Total of Service Order				
I HEREBY ACKNOWLEDGE THE MAN HOURS AND MATERIALS AS LISTED HEREON AND AGREE TO PAY THE INVOICE ON RECEIPT.								
Accepted by Customer (Authorized Signature)				Printed Name		Date 11/15/21		


CONSIGLI
Est. 1905

SLIP TRACKING

REF.

CCC - CR243A

381

Project Name	Arlington High School	Job# 2153	Date	11/4/21
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Contractor	PJ KENNEDY
Contractor (Foreman's Signature)	
Contractor Extra Work #	18469
Cost Code	CE243
Time Begin (Consigli Signature Required)	
Time Complete (Consigli Signature Required)	
Work Performed	Installed temporary hot water heater (slab leaks) - conditioned air duct into radiant floor temp system
Manpower	(3) Journeymen & (3) hrs PMAL
Materials	SEE ATTACHED

FOR OFFICE USE ONLY

Comments	H.R. by SHAWSKA 11/16/21		
Category (Check One)	<input type="checkbox"/> Internal	<input type="checkbox"/> Owner	<input type="checkbox"/> Backcharge
Status (Check One)	<input type="checkbox"/> Rejected	<input checked="" type="checkbox"/> Accepted	<input type="checkbox"/> Pending
Reference drawing or specification section:			

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SERVICE ORDER

PATRICK J. KENNEDY & SONS, INC.
Mechanical Contractors
39 Gibson Street, Boston, Massachusetts 02122
(617) 265-5535 Fax (617) 265-5126
www.pjkennedy.com

Service Location AHS		Acct. No.		Date 11/4/21		Bill to (<input type="checkbox"/> If same as service location)																																																																																																																																																	
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Service Performed Thomas Cobbett																																																																																																																																																							
<p>Installed Temporary hot water heater (slab heater)</p> <ul style="list-style-type: none"> - Made plan to cut into radiant floor pipe system - Ordered stock and picked up at supply house - Ran supply/return pipe from heater to system with valving, vent, vacuum breaker, expansion tank, caps 																																																																																																																																																							
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<table border="1"> <thead> <tr> <th>QTY.</th> <th>Description & Part No.</th> <th>Unit</th> <th>Total</th> <th>Lbs.</th> <th>Environmental Charge</th> <th>Rate/Lb.</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>1 1/4 PP Rock Trip Charge</td> <td></td> <td></td> <td></td> <td>R- Recovered</td> <td></td> <td></td> </tr> <tr> <td>16</td> <td>1 1/4 PP 90°</td> <td></td> <td></td> <td>HRS.</td> <td>Equipment Charges</td> <td>Rate</td> <td>Total</td> </tr> <tr> <td>4</td> <td>1 1/4 PP coupling</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td>1 1/4 x 3/4 PP Tee</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>1 1/4 PP Tee</td> <td></td> <td></td> <td>HRS.</td> <td>Labor Description</td> <td>Rate</td> <td>Total</td> </tr> <tr> <td>3</td> <td>3/4 PP 90°</td> <td></td> <td></td> <td></td> <td>Paul - 2</td> <td>Straight</td> <td></td> </tr> <tr> <td>2</td> <td>1 1/4 PP ball valve</td> <td></td> <td></td> <td>Hours</td> <td>Craig - 10</td> <td>Overtime</td> <td></td> </tr> <tr> <td>1</td> <td>3/4 IPS x hose ball valve</td> <td></td> <td></td> <td></td> <td>Tom - 1</td> <td>Straight</td> <td></td> </tr> <tr> <td>2</td> <td>3/4 PP male adapter</td> <td></td> <td></td> <td></td> <td></td> <td>Overtime</td> <td></td> </tr> <tr> <td>2</td> <td>3/4 PP female adapter</td> <td></td> <td></td> <td></td> <td colspan="2">Total Materials</td> <td></td> </tr> <tr> <td>1</td> <td>1 1/4 x 3/4 PP reducer</td> <td></td> <td></td> <td></td> <td colspan="2">Total Labor</td> <td></td> </tr> <tr> <td>3</td> <td>3/4 PP x hose valve</td> <td></td> <td></td> <td></td> <td colspan="2">Parking & Travel Costs</td> <td></td> </tr> <tr> <td>1</td> <td>3/4 expansion tank</td> <td></td> <td></td> <td></td> <td colspan="2">Environmental & Equipment Charge</td> <td></td> </tr> <tr> <td>1</td> <td>3/4 vacuum breaker</td> <td></td> <td></td> <td></td> <td colspan="2">Sales Tax</td> <td></td> </tr> <tr> <td>30'</td> <td>1 1/4 Type L Pipe</td> <td></td> <td></td> <td></td> <td colspan="2">Total of Service Order</td> <td></td> </tr> <tr> <td>10'</td> <td>3/4 Type L Pipe</td> <td></td> <td></td> <td></td> <td colspan="2"></td> <td></td> </tr> <tr> <td>2</td> <td>1 1/4 copper FM ring</td> <td></td> <td></td> <td></td> <td colspan="2"></td> <td></td> </tr> </tbody> </table>								QTY.	Description & Part No.	Unit	Total	Lbs.	Environmental Charge	Rate/Lb.	Total	4	1 1/4 PP Rock Trip Charge				R- Recovered			16	1 1/4 PP 90°			HRS.	Equipment Charges	Rate	Total	4	1 1/4 PP coupling							5	1 1/4 x 3/4 PP Tee							3	1 1/4 PP Tee			HRS.	Labor Description	Rate	Total	3	3/4 PP 90°				Paul - 2	Straight		2	1 1/4 PP ball valve			Hours	Craig - 10	Overtime		1	3/4 IPS x hose ball valve				Tom - 1	Straight		2	3/4 PP male adapter					Overtime		2	3/4 PP female adapter				Total Materials			1	1 1/4 x 3/4 PP reducer				Total Labor			3	3/4 PP x hose valve				Parking & Travel Costs			1	3/4 expansion tank				Environmental & Equipment Charge			1	3/4 vacuum breaker				Sales Tax			30'	1 1/4 Type L Pipe				Total of Service Order			10'	3/4 Type L Pipe							2	1 1/4 copper FM ring						
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<p>11/15/21</p> <p>Accepted by Customer (Authorized Signature)  Printed Name _____ Date _____</p>																																																																																																																																																							



REF.

CCC - CR243A

409

CONSIGLI

Est. 1905

SLIP TRACKING

Project Name	Arlington High School	Job# 2153	Date 12/18/21
--------------	-----------------------	-----------	---------------

THIS DOCUMENT IS TO BE USED FOR TRACKING PURPOSES ONLY:

(This document is not intended to constitute an acceptance of additional work to the contract nor does this document infer that the contractor will be compensated for the work performed)

Contractor	PJ KENNEDY
Contractor (Foreman's Signature)	
Contractor Extra Work #	18481
Cost Code	CR243
Time Begin (Consigli Signature Required)	
Time Complete (Consigli Signature Required)	
Work Performed	Remove Temp Water Header from system, drain, & reconnect P.M. main/secondary loop
Manpower	(2) PIPEFITTERS 13.7 hrs
Materials	SEE ATTACHED

FOR OFFICE USE ONLY

Comments	H.R. & SIKARSKA 12/16/21		
Category (Check One)	<input type="checkbox"/> Internal	<input checked="" type="checkbox"/> Owner	<input type="checkbox"/> Backcharge
Status (Check One)	<input type="checkbox"/> Rejected	<input type="checkbox"/> Accepted	<input type="checkbox"/> Pending
Reference drawing or specification section:			

White: PM

Yellow: Contractor Copy

Pink: Remains



SERVICE ORDER

PATRICK J. KENNEDY & SONS, INC.
 Mechanical Contractors
 39 Gibson Street, Boston, Massachusetts 02122
 (617) 265-5535 Fax (617) 265-5126
 www.pjkennedy.com

Service Location	AHS	Acct. No.	Date	12/8/21	Bill to (<input type="checkbox"/> If same as service location)		
Name	Consigli				Name		
Address	869 Massachusetts Ave				Address		
City	Arlington	State	MA	Zip	City	State	Zip
Contact Person	Thomas DeRosa	Tel. No.			Cust. P.O. No.	Attention	
Purpose of Call							
Contract No.	<input type="checkbox"/> Service Contract <input type="checkbox"/> Charge	<input type="checkbox"/> Warranty <input checked="" type="checkbox"/> Contract Extra	Technician #1	Craig Ovellette	Technician #2	Rob Macrelli	
Service Performed							
Remove temporary water heater from system							
- Drain 120 gallons of water - Demo temp. piping - Re-connect primary + secondary loop into system permanently - Fill and bleed air							
<input checked="" type="checkbox"/> Work Completed		<input type="checkbox"/> Work Incomplete		If Incomplete, Explain			
Recommendation							
QTY.	Description & Part No.	Unit	Total	Lbs.	Environmental Charge	Rate/Lb.	Total
	Truck/Trip Charge				R- Recovered		
10	Pro press coupling (1 1/4)			HRS.	Equipment Charges	Rate	Total
3	1 1/4 Pro press Tee						
6	1 1/4 Pro press 90°						
10'	1 1/4 Type L pipe			HRS.	Labor Description	Rate	Total
					Craig	Straight	7.5 hrs
						Overtime	
					Rob	Straight	6 hrs
						Overtime	
					Total Materials		
					Total Labor		
					Parking & Travel Costs		
					Environmental & Equipment Charge		
					Sales Tax		
					Total of Service Order		
I HEREBY ACKNOWLEDGE THE MAN HOURS AND MATERIALS AS LISTED HEREON AND AGREE TO PAY THE INVOICE ON RECEIPT.							
Accepted by Customer (Authorized Signature)				Printed Name		Date	

12/16/21



Change Request

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR317
Date: 12/23/21
Job: 2153 Arlington High School
Phone:

Description: ASI-187 - Misc. Steel Revisions Bldgs A, B, C_Sub. 011222

Source: ASI # 187

We offer the following specifications and pricing to make the changes as described below:

**CR317R1 includes revised Trimax pricing and responses to associated HMFH/FBRA Review comments on CR317.

CR317 includes costs associated with ASI-187 - Misc. Steel Revisions Bldgs. A, B, C dated 11/22/21 issued by HMFH. Please see attached Trimax pricing for itemized schedule of added/deleted members and associated tonnage.

Assumptions & Qualifications:

- Costs associated with Overtime/Acceleration are not included
- Costs associated with masonry/roof blocking/roofing are not included
- CCC has proceeded with this scope in order to maintain project schedule

Description	Labor	Material	Equipment	Subcontract	Other	Price
TX-COR-1021R1 dated 2/2/22				\$3,826.81		\$3,826.81
					Subtotal:	\$3,826.81
			Bond (.75%)	\$3,826.81		\$28.70
			General Liability (1.2%)	\$3,826.81		\$45.92
			Subguard (1.4%)	\$3,826.81		\$53.58
			OH&P (5% subs, 10% self perform)	\$3,955.01		\$197.75
					Total:	\$4,152.76

☐ SCHEDULE IMPACT

☒ We have proceeded with this change to achieve schedule.

☐ As directed, we will not proceed with this change until formal direction from OWNER is received.

ARCHITECT

Consigli Construction Co., Inc.

CONTRACTOR

72 Sumner Street

Milford, MA 01757

OWNER

(Signature)

Arthur Duffy

By

02/05/2022

Date

(Signature)

John LaMarre

By

2/05/22

Date

(Signature)

Jim Burrows

By

2/7/2022

Date

Consigli Construction Co., Inc.

Construction Managers and General Contractors

72 Sumner Street, Milford MA 01757 • phone: 508-473-2580 • fax: 508-473-3588 • web: www.consigli.com

Hartford CT • Washington DC • Portland ME • Boston MA • Milford MA • Albany NY • New York NY • Pleasant Valley NY • Ronkonkoma NY

**RECEIVED**

01.14.2022

**FOLEY BUHL ROBERTS
& ASSOCIATES, INC.****Change Request**

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR317
Date: 12/23/21
Job: 2153 Arlington High School
Phone:

FBRA Review
comments in red/yellow.
01/25/2022

Description: ASI-187 - Misc. Steel Revisions Bldgs A, B, C_Sub. 011222

Source: ASI # 187

We offer the following specifications and pricing to make the changes as described below:

CR317 includes costs associated with ASI-187 - Misc. Steel Revisions Bldgs. A, B, C dated 11/22/21 issued by HMFH. Please see attached Trimax pricing for itemized schedule of added/deleted members and associated tonnage.

Assumptions & Qualifications:

- Costs associated with Overtime/Acceleration are not included
- Costs associated with masonry/roof blocking/roofing are not included
- CCC has proceeded with this scope in order to maintain project schedule

Description	Labor	Material	Equipment	Subcontract	Other	Price
TX-COR-1021 dated 1/12/22				\$3,489.11		\$3,489.11
					Subtotal:	\$3,489.11
				Bond (0.5%)		\$26.17
				General Liability (1.2%)		\$41.87
				Subguard (1.4%)		\$48.85
				OH&P % subs, 10% self perform)		\$180.30
					Total:	\$3,786.30

☐ SCHEDULE IMPACT

☒ We have proceeded with this change to achieve schedule.

☐ As directed, we will not proceed with this change until formal direction from OWNER is received.

ARCHITECT

Consigli Construction Co., Inc.

CONTRACTOR

72 Sumner Street

Milford

OWNER

(Signature)

(Signature)

John LaMarre

(Signature)

By

By

011222

By

Date

Date

Date

Consigli Construction Co., Inc.

Construction Managers and General Contractors

72 Sumner Street, Milford MA 01757 • phone: 508-473-2580 • fax: 508-473-3588 • web: www.consigli.com

Hartford CT • Washington DC • Portland ME • Boston MA • Milford MA • Albany NY • New York NY • Pleasant Valley NY • Ronkonkoma NY

H M
F H

ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS _____

ASI: 187**date:** 11.22.2021**subject:** Misc Steel Revisions Part s, b,c**to:** Chris Weber **from:** Arthur Duffy**project id:** 408417**project:** Arlington High School**distribution:** ☒ Skanska ☐ Consigli
☒ HMFH Architects ☒ Other: FBRA**reference:** Drawings: S2.1a, S2.2b, S2.2c, S2.3b, S6.2.1, S6.2.12, S7.2.4**attachments:** Sketches SKS-274 to SKS-278OFFICE. (617) 492 2200
FAX. (617) 876 9775130 Bishop Allen Drive
Cambridge, MA 02139

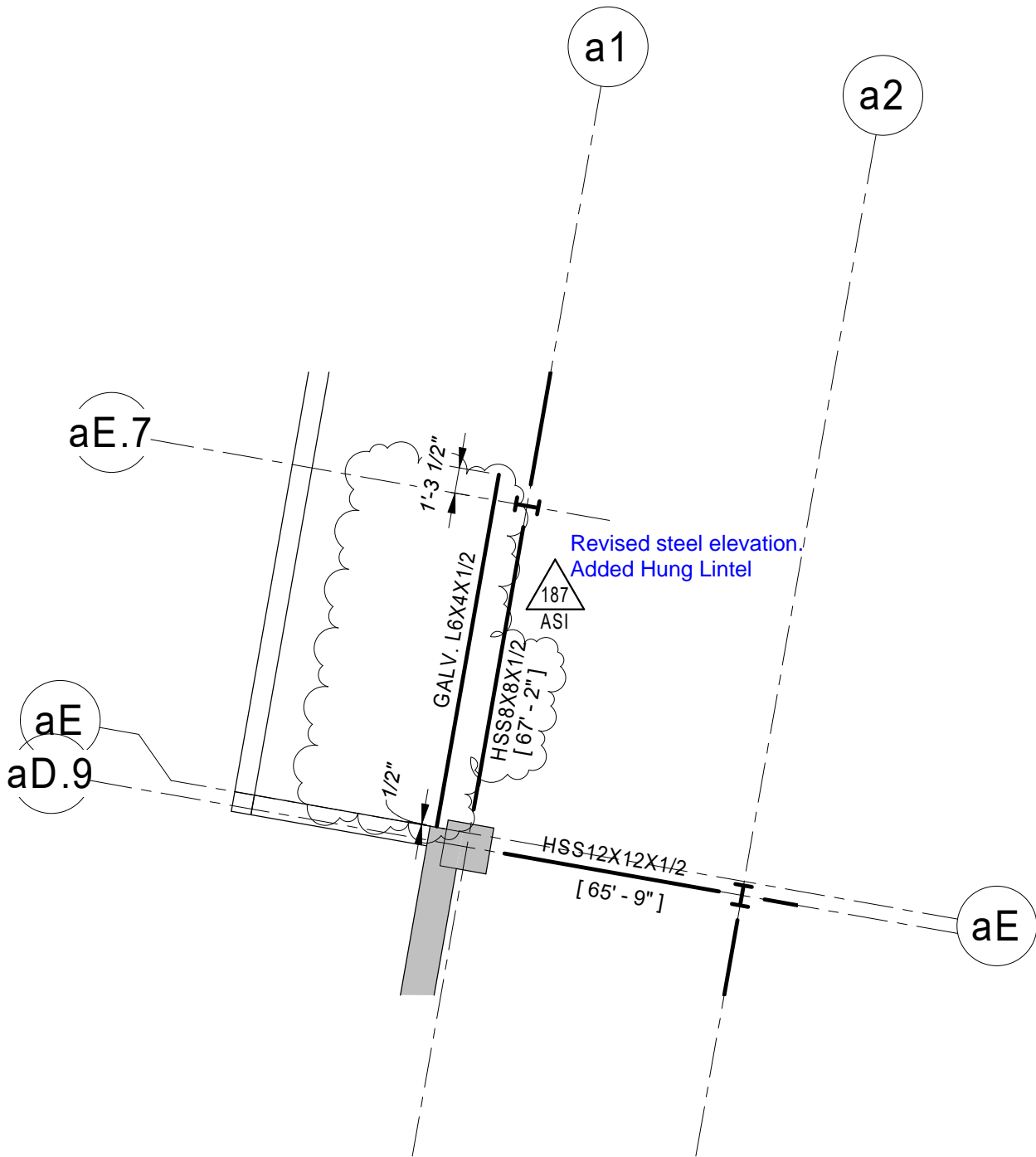
hmfh.com

The Work shall be carried out in accordance with the following Supplemental Instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Proceeding with the Work in accordance with these instructions indicates your acknowledgement that there will be no change in the Contract Sum or Contract time.

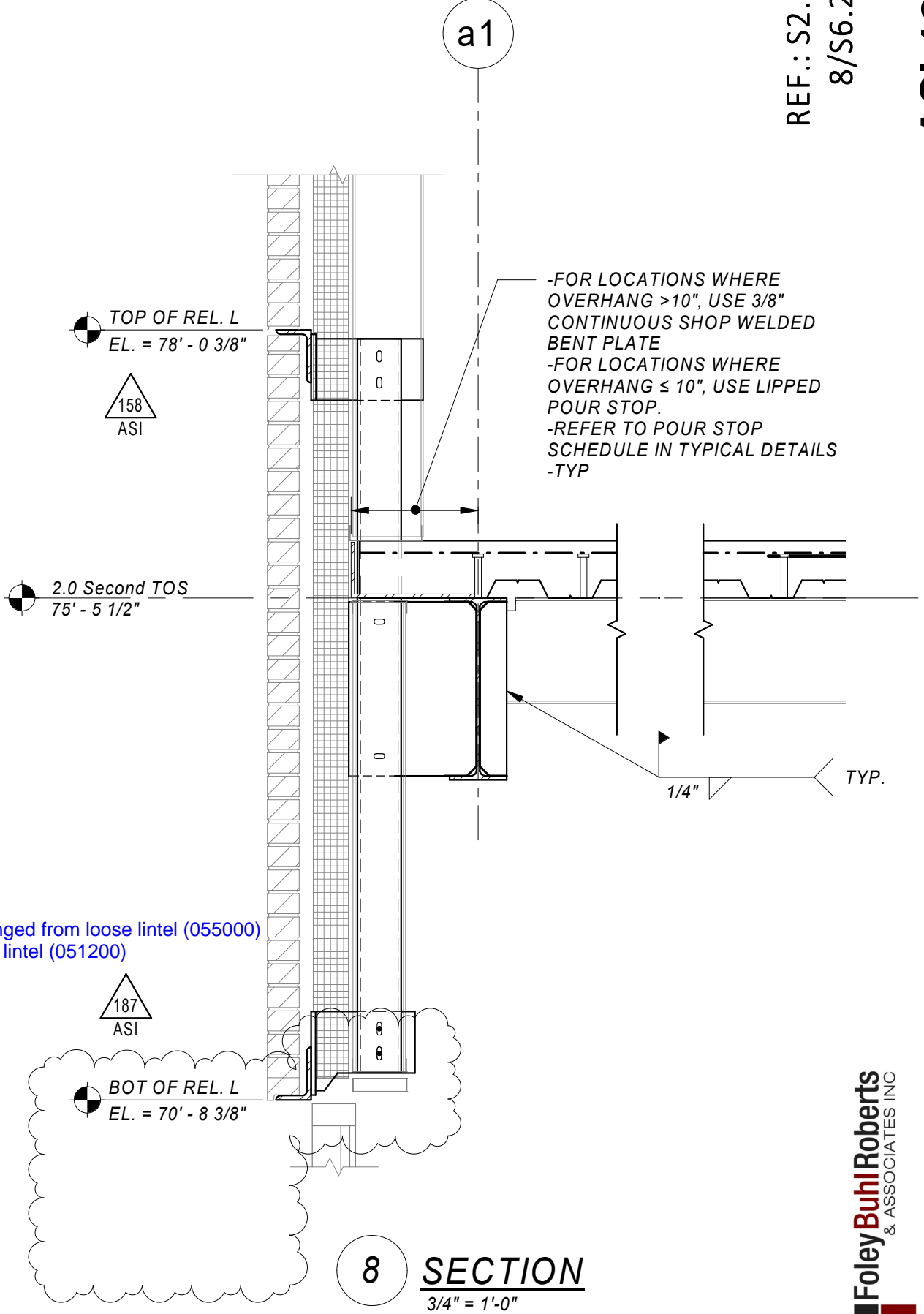
Miscellaneous Revisions to steel Part a,b and c.

Revisions will be annotated on steel shop drawings that have not yet been returned (seq 46).

See comments on sketches for previous sequence pieces affected.



UPPER FIRST FLOOR FRAMING PLAN - PART A
1/8" = 1'-0"



8 SECTION
3/4" = 1'-0"

REF.: S2.1a
8/S6.2.1

ASI 187

CCC - CR317R1

DRAWING NUMBER
SKS 274

JOB NUMBER
2017172

ARLINGTON HIGH SCHOOL
Massachusetts Avenue, Arlington, Massachusetts
Revision to Part A Upper First Floor and Sect 8/S6.2.1-
Updated HSS Beam EL and new Relieving Angle

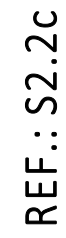
FoleyBuhlRoberts
& ASSOCIATES INC
structural engineers
T 617-527-9600
F 617-527-9606
www.fbra.com

2150 Washington St.
Newton MA 02462

HMFH ARCHITECTS

HMFH

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com



ASI 187

SKS
 DRAWING NUMBER
 CCC - CR317R1

JOB NUMBER 2017172

SCALE: 1/8" = 1'-0" DATE: 11/15/21 DRAWN: JEG CHECKED: JEG

HMFH ARCHITECTS

HM FH
130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

@HMFHarch hmfh.com

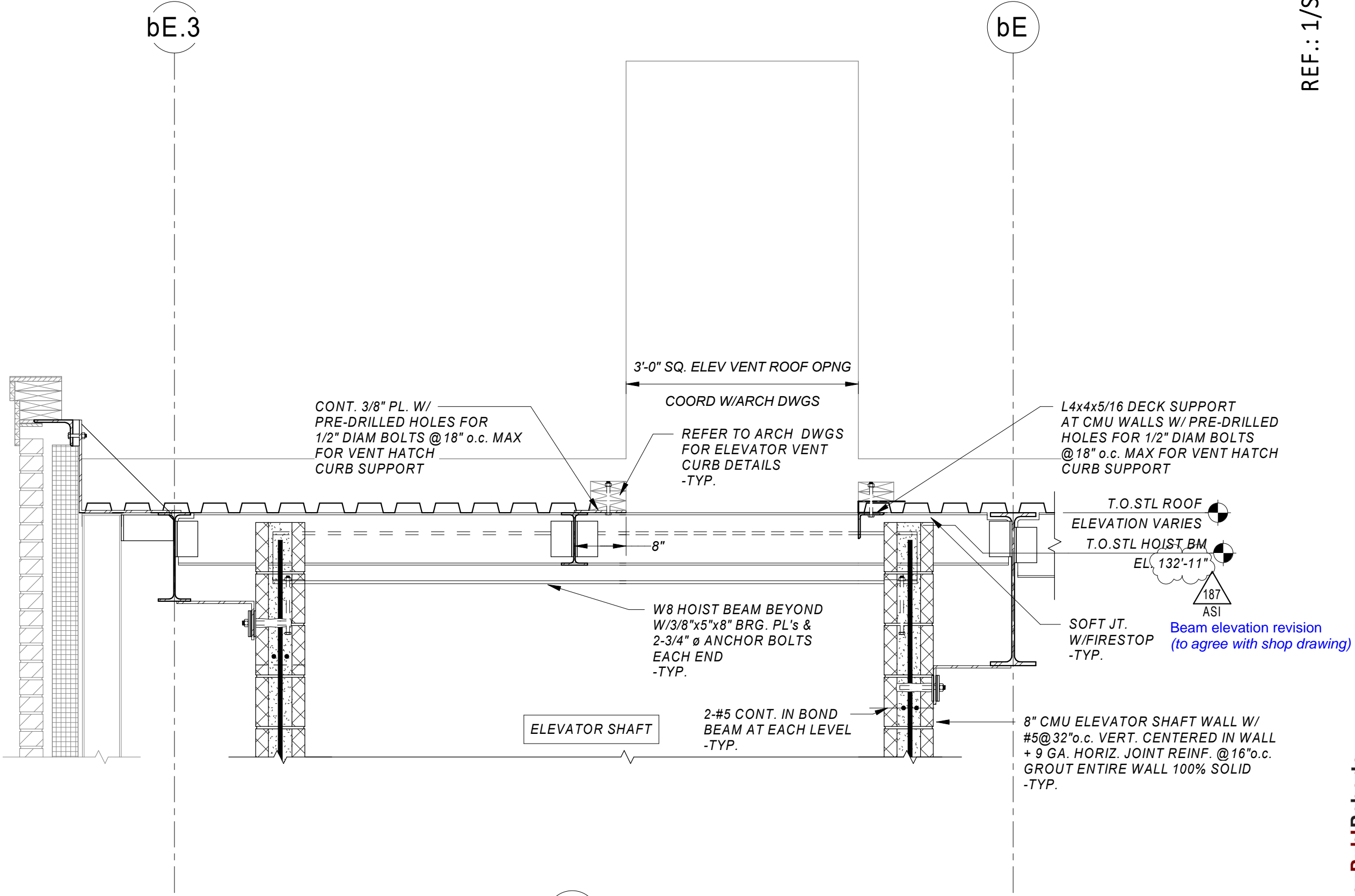
Foley Buhl Roberts
structural & ASSOCIATES INC

T 617-527-9600
F 617-527-9606
www.fbra.com

$$1/8'' = 1'-0''$$

ARLINGTON HIGH SCHOOL
Massachusetts Avenue, Arlington, Massachusetts
Revision to Section 1/S7.2.4 - Updated hoist beam
elevation

SCALE: 3/4" = 1'-0" DATE: 11/15/21 DRAWN: JEG CHECKED: JEG



1 **SECTION**
3/4" = 1'-0"

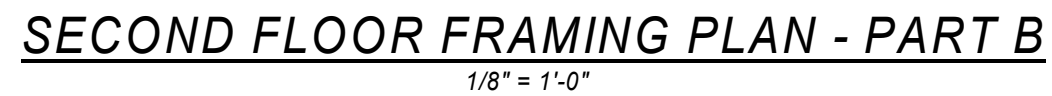
FoleyBuhlRoberts
& ASSOCIATES INC
structural engineers
T 617-527-9600
F 617-527-9606
www.fbra.com

2150 Washington St.
Newton MA 02462

HMFH ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

HMFH



3 SECTION
3/4" = 1'-0"

187
ASI

REF.: S2.2b
3/S6.2.12

ASI 187

CCC - CR317R1

SKS
277

DRAWING NUMBER

JOB NUMBER 2017172

ARLINGTON HIGH SCHOOL
Massachusetts Avenue, Arlington, Massachusetts
**Revision to Part B 2nd Floor - Updated Framing at
Pilaster b7.3-bBB and New Section 3/S6.2.12**

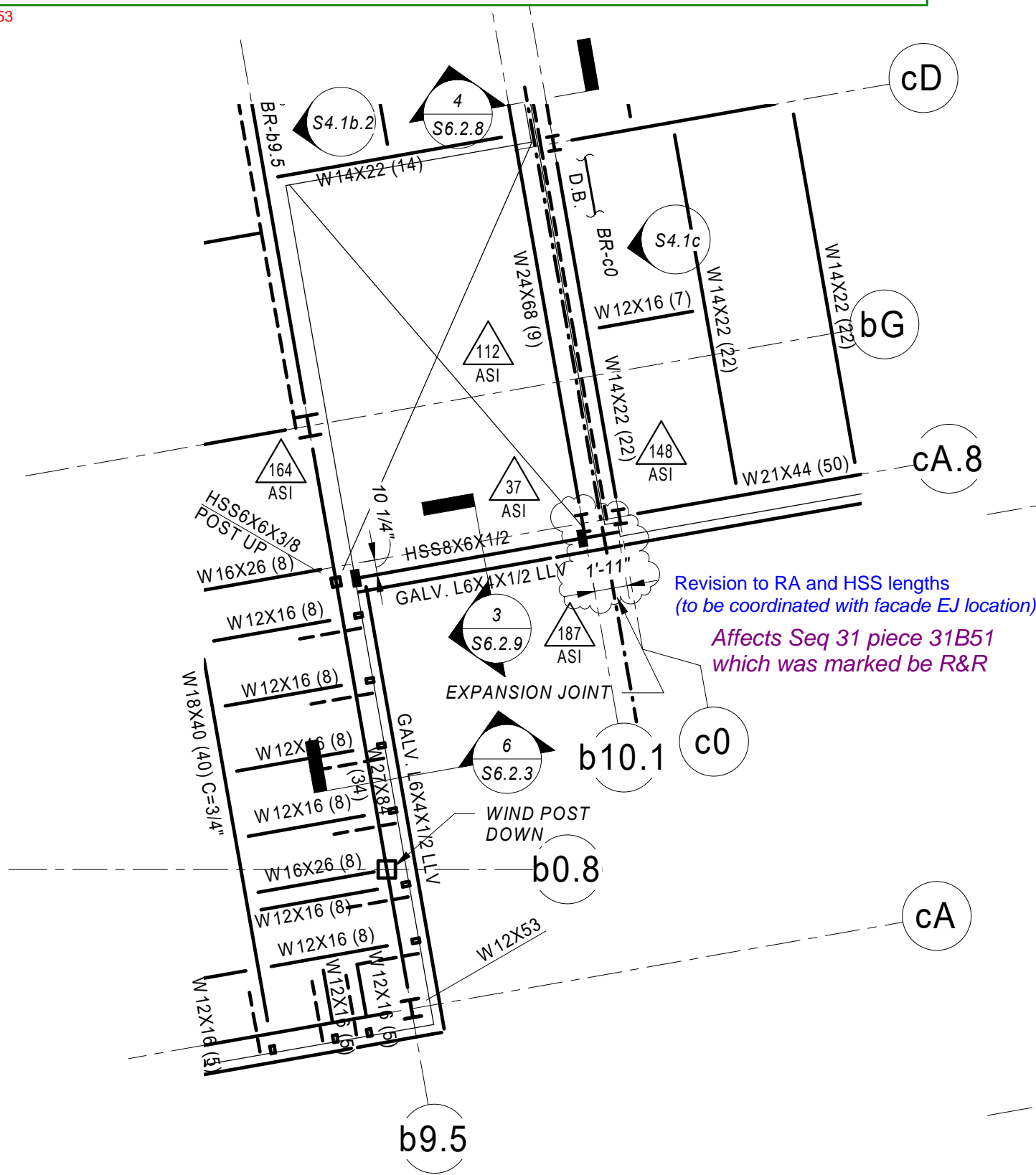
SCALE: As indicated DATE: 11/18/21 DRAWN: JEG CHECKED: LBW

Foley Buhl Roberts
structural & ASSOCIATES INC

T 617-527-9600
F 617-527-9606
www.fbra.com
2150 Washington St.
Newton MA 02462

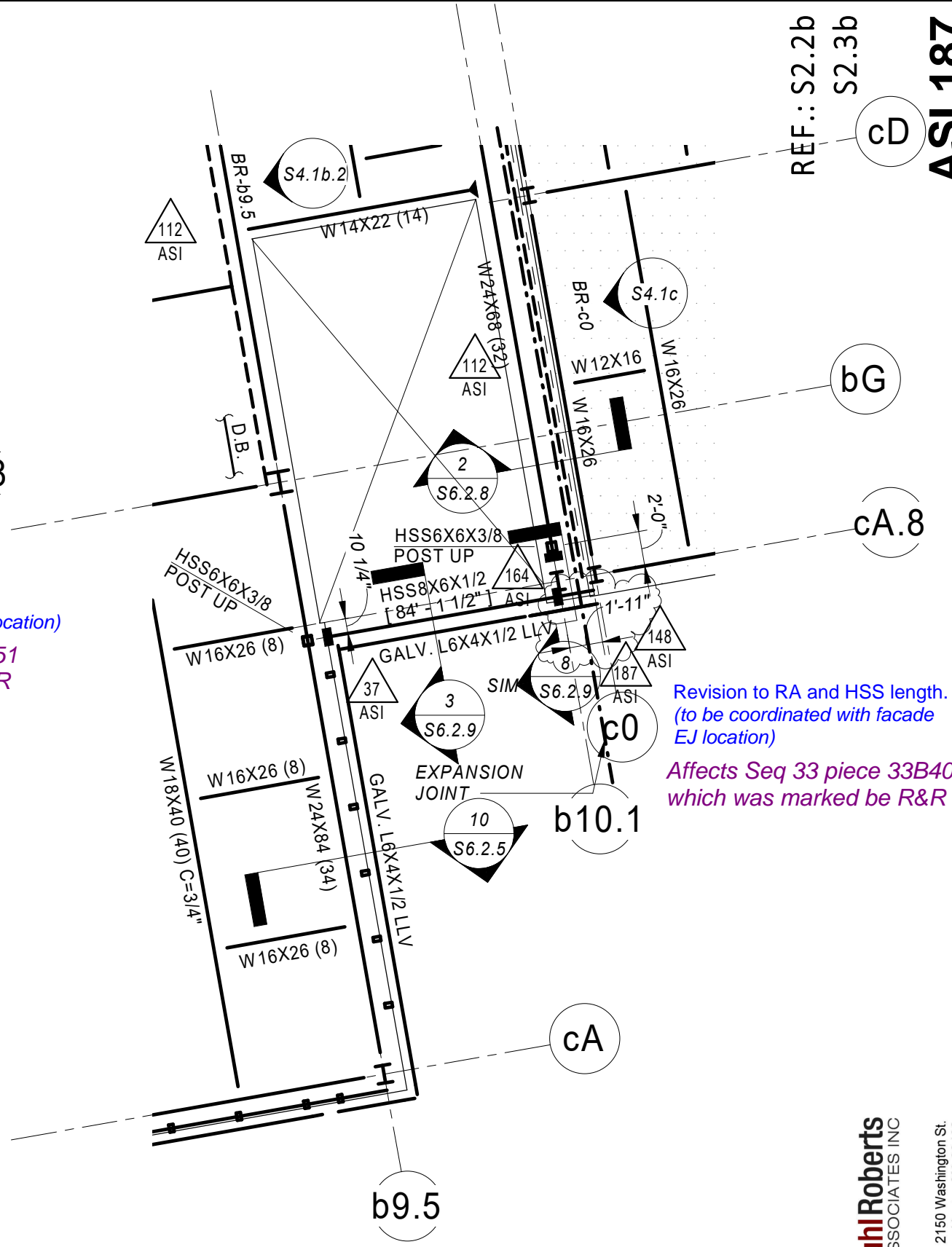
HMFH ARCHITECTS

**130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com**



SECOND FLOOR FRAMING PLAN - PART B

1/8" = 1'-0"



THIRD FLOOR FRAMING PLAN - PART B

1/8" = 1'-0"

Foley Buhl Roberts
structural engineers
& ASSOCIATES INC

2150 Washington St.
Newton MA 02462
T 617-527-9600
F 617-527-9606
www.fbra.com

HMFH ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

ARLINGTON HIGH SCHOOL
Massachusetts Avenue, Arlington, Massachusetts
Revisions to Part B 2nd Floor and 3rd Floor - Extended
HSS for stud suport

CCC - CR317R1
DRAWING NUMBER
SKS
278
JOB NUMBER
2017172

REF.: S2.2b
S2.3b

ASI 187

TX-COR-1021 (ASI-187)

CHANGE ORDER REQUEST

2022-01-11 21008 ARLINGTON PHASE 2 & 3
Date Folder Project

CONSIGLI CONSTRUCTION CO INC.
Client

Description

Cost adjustments for ASI-187

CODE	QUANTITY	DESCRIPTION	ITEM	UNIT PRICE	PRICE
	444,0 lbs	Steel - NM		1,35	599,40
	2,0 hrs	Fabrication - NM		85,00	170,00
	,2 hrs	Installation -NM		1 650,00	330,00
	322,0 lbs	Galvanisation - NM		0,45	144,90
	19,0 hrs	Drafting - NM		65,00	1 235,00
	5,0 hrs	Engineering - NM		120,00	600,00
	1,0	Bonding - NM		26,00	26,00
	3,0 hrs	Coordination - NM		110,00	330,00
	444,0 tr	Site Transport - NM		0,10	44,40

PRICE GOOD FOR 10 DAYS

If a P.O. is necessary to proceed with the above mentioned work, please forward immediatly via fax before beginning of work. If we do not receive a P.O. we will consider that you accept our price and that you authorize us to perform the extra work wich will be fully paid and compasated.

SUBTOTAL (USD) : 3 478,92

10,0% overhead&Profit : 347,89

TOTAL (USD) : 3 826,81

Arlington High School
TX-COR-1021 - ASI-187

[illegible]

TX-COR-1021 (ASI-187)

CHANGE ORDER REQUEST

2022-01-11 21008 ARLINGTON PHASE 2 & 3
Date Folder Project

CONSIGLI CONSTRUCTION CO INC.
Client

Description

Cost adjustments for ASI-187

CODE	QUANTITY	DESCRIPTION	ITEM	UNIT PRICE	PRICE
	444,0 lbs	Steel - NM		1,35	599,40
	2,0 hrs	Fabrication - NM		85,00	170,00
	,2 ton	Installation -NM		115,00	23,00
	322,0 lbs	Galvanisation - NM		0,45	144,90
	19,0 hrs	Drafting - NM		65,00	1 235,00
	5,0 hrs	Engineering - NM		120,00	600,00
	1,0	Bonding - NM		26,00	26,00
	3,0 hrs	Coordination - NM		110,00	330,00
	444,0 tr	Site Transport - NM		0,10	44,40

does this apply to this change?

Yes

Installation typically has a unit price of 1650? Is this a mistake?

Yes, should be \$1650/ton.

Check hours for drafting and engineering. Drafting cost is more than 2x the steel cost? Engineering cost is the same as the steel cost?

Drafting/engineering/coordination time are accurate. These are based on actual changes in ASI and not tonnage.

Do not apply "typical" Fabrication/Installation/Drafting/Engineering cost/tonnage to the SKS-275 tonnage because the change in steel size has negligible impact these items.

Already the case. Fabrication and install only accounts for added relieving angle on SKS274.

PRICE GOOD FOR 10 DAYS

If a P.O. is necessary to proceed with the above mentioned work, please forward immediatly via fax before beginning of work. If we do not receive a P.O. we will consider that you accept our price and that you authorize us to perform the extra work wich will be fully paid and compasated.

SUBTOTAL (USD) : 3 171,92

10,0% overhead&Profit : 317,19

TOTAL (USD) : 3 489,11

[illegible]



Change Request

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR323
Date: 1/5/22
Job: 2153 Arlington High School
Phone:

Description: RFI-582 - Electric Boiler Emergency Disconnect Switch (Building E/B)_T&M_Sub. 020922

Source: RFI # 582

We offer the following specifications and pricing to make the changes as described below:

CR323 includes costs associated with RFI-582 - Electric Boiler Emergency Disconnect Switch Bldg. E-B response dated 1/4/22 issued by HMFH. Per RFI-582 direction, WJGEI furnished/installed (3) EPO switches at Mechanical Room S2-14 (Bldg. E) in locations as directed on T&M basis. Please see attached pricing and associated backup for additional information.

Assumptions & Qualifications:

- CCC has proceeded with this scope change in order to maintain project schedule
- CR323 includes costs associated with F&I of EPO switches in Bldg E Locations only. Bldg. B locations to be submitted under separate cover.
- Costs associated with patching/repair of adjacent finishes are not included

Description	Labor	Material	Equipment	Subcontract	Other	Price
WJGEI - Proposal #110 dated 2/3/22				\$6,018.92		\$6,018.92
					Subtotal:	\$6,018.92
			Bond (.75%)	\$6,018.92		\$45.14
			General Liability (1.2%)	\$6,018.92		\$72.23
			Subguard (1.4%)	\$6,018.92		\$0.00
			OH&P (5% subs, 10% self perform)	\$6,136.29		\$306.81
					Total:	\$6,443.10

☐ SCHEDULE IMPACT

☒ We have proceeded with this change to achieve schedule.

☐ As directed, we will not proceed with this change until formal direction from OWNER is received.

ARCHITECT

Consigli Construction Co., Inc.

CONTRACTOR

72 Sumner Street

Milford, MA

OWNER

(Signature)

Arthur Duffy

By

02/14/2022

Date

(Signature)

John LaMarre

By

2/8/22

Date

(Signature)

Jim Burrows

By

2/15/2022

Date

Consigli Construction Co., Inc.

Construction Managers and General Contractors

72 Sumner Street, Milford MA 01757 • phone: 508-473-2580 • fax: 508-473-3588 • web: www.consigli.com

Hartford CT • Washington DC • Portland ME • Boston MA • Milford MA • Albany NY • New York NY • Pleasant Valley NY • Ronkonkoma NY

Electric Boiler Emergency Disconnect Switch (Building E/B) (PJK RFI #75)

TO:	Stephanie MacNeil (HMFH Architects) Arthur Duffy (HMFH Architects)	FROM:	Kevin Samya (Consigli Construction Co., Inc.) 72 Sumner Street Milford, Massachusetts 01757
DATE INITIATED:	12/22/2021	STATUS:	Open
LOCATION:		DUE DATE:	12/27/2021
COST CODE:		REFERENCE:	PJK RFI #75
COST IMPACT:	TBD	SCHEDULE IMPACT:	TBD
DRAWING NUMBER:	M4.1, E2.2e, E2.0b	SPEC SECTION:	230000 - Heating, Ventilating, and Air Conditioning (HVAC)
RECEIVED FROM:	William Gray (P.J. Kennedy & Sons)		

COPIES TO:

CA Bala (Bala Consulting Engineers), Gil Castera (Bala), Victoria Clifford (Skanska USA Inc.), Greg Cmar (Interval Data Systems), Patrick Condon (Consigli Construction Co., Inc.), Ken Davis (Bala Consulting Engineers), Tom DeRosa (Consigli Construction Co., Inc.), David Dockendorf (Consigli Construction Co., Inc.), Arthur Duffy (HMFH Architects), Jim Fikiet (Skanska USA Inc.), Ryan Flynn (Bala Consulting Engineers), Vianely Franco (HMFH Architects), Kevin Fuller (Interval Data Systems), Mike Gagne (Interval Data Systems), Bill Gnerre (Interval Data Systems), George Hines (Bala Consulting Engineers), William Lentz (Bala Consulting Engineers), Stephanie MacNeil (HMFH Architects), Chuck McWilliams (Consigli Construction Co., Inc.), Reid Mullett (Rist-Frost-Shumway Engineering (RFS)), Brandon Mynter (Consigli Construction Co., Inc.), Sy Nguyen (Skanska USA Inc.), Fran Patnode (Rist-Frost-Shumway Engineering (RFS)), Hal Raymond (Skanska USA Inc.), Richard Rivera (Bala Consulting Engineers), Kevin Samya (Consigli Construction Co., Inc.), Mason Saunders (Consigli Construction Co., Inc.), Chris Weber (Consigli Construction Co., Inc.)

Question from Kevin Samya (Consigli Construction Co., Inc.) at 03:12 PM on 12/22/2021

Please reference the attached PJK RFI #75. Please reference HVAC Drawing M4.1 and the associated Electrical Drawings E2.2e and E2.0b.

The Electrical Boilers in Mechanical Room S2-14 require an "Emergency Disconnect Switch" at the exits of the room. Startup of the equipment cannot be completed until the switch is furnished and installed by a certified electrician. There is no information in the specifications or drawings identifying ownership and locations of these devices.

The HVAC Contractor has proposed (2) device locations in the attached document that need to be confirmed acceptable by AHJ. Design team to provide insight on devices.

Please Note - Mechanical Room S1-08 on Level 1 of Building B also has an Electric Boiler that requires the same "Emergency Disconnect Switch".

Attachments:

[RFI #582 - Electric Boiler Emergency Disconnect Switch \(Building E-B\) \(PJK RFI #75\).pdf](#)

Awaiting an Official Response

All Replies:

Emergency Disconnect Switches for Electric Boilers are required and should be added at both Mechanical Rooms. Refer to attached Sketches SKE-41A & 41B. Switches shall be push button type with "Emergency Boiler Shut-Down" text on device (by Pilla Electrical Model BSD120 or equal) installed in approximate locating shown at an elevation of 48" above finished floor. Switches located in common corridors shall be provided with tamper-proof plastic transparent covers.

J. Ryan Flynn/Ken Davis - BALA
1/04/2022

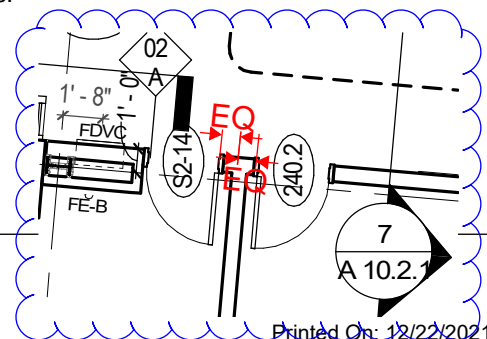
The switch at Corridor C2-15 is to be located centered within the width of tile between doors S2-14 and 240.2.

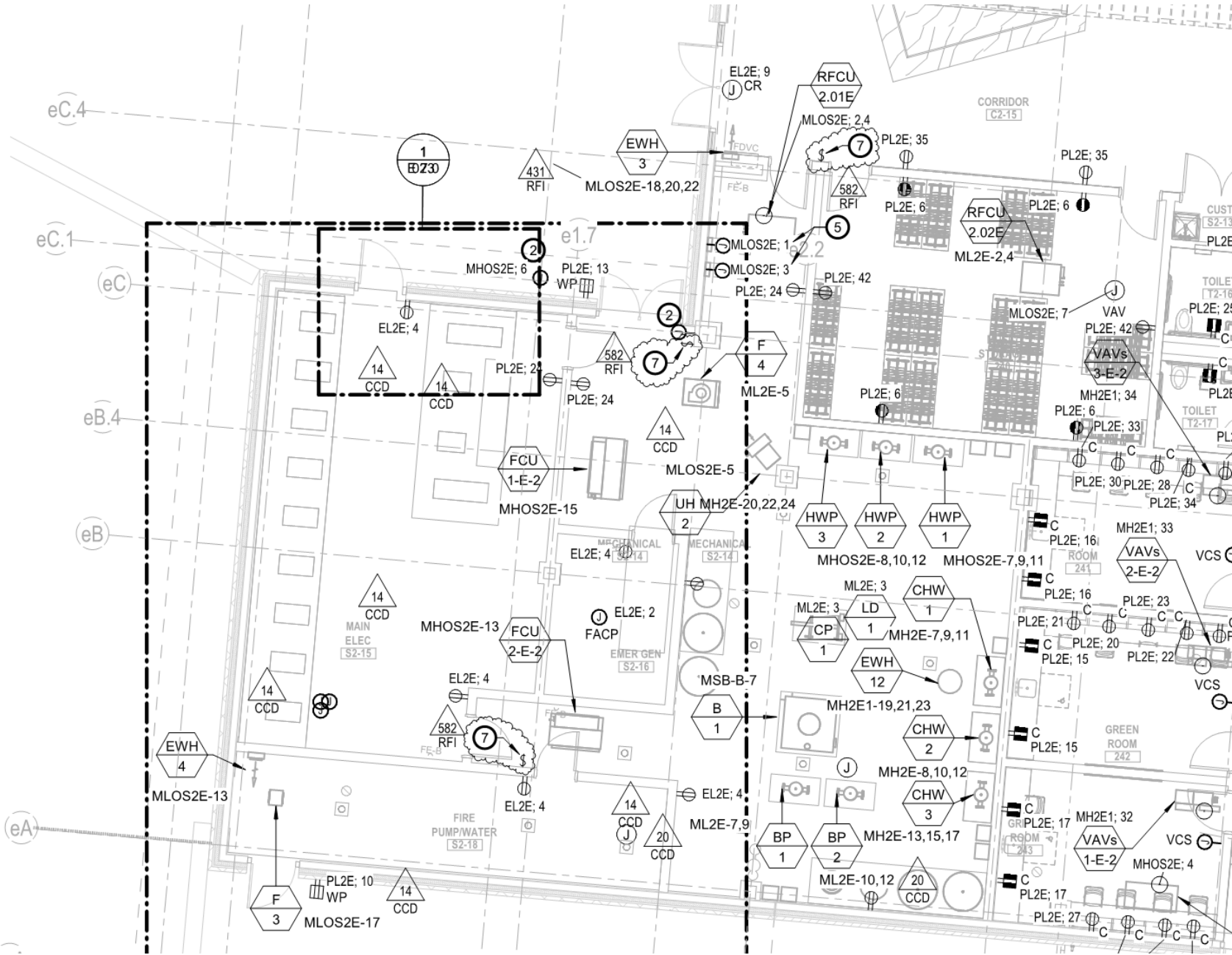


BY

01/04/2022

DATE





SHEET NOTES	
1	CONDUIT AND WIRING TO ASSOCIATED MOTORIZED SHADE CONTROLLER ON THIRD FLOOR.
2	CONNECT TO HEAT TRACE CABLE AND CONTROLLER
3	CONDUIT AND WIRING TO ASSOCIATED MOTORIZED PROJECTION SCREEN.
4	RECEPTACLES FOR FUTURE THEATRICAL LIGHTING; REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT AND EXACT LOCATIONS.
5	CONNECT TO ATC PANELS
6	CONNECT TO HEAT TRACE CONTROL PANEL FOR FP MAIN AND PIPING TO TEMPORARY BRIDGE
7	SWITCH TO DISCONNECT BOILER WIRE BACK CONTROL PANEL.

BALA
ENGINEERS
PHILADELPHIA NEW YORK LONDON BALTIMORE
ARCHITECTS PLANNERS ENGINEERS INTERIORS
STRUCTURAL TRANSPORTATION COMMUNITIES

HMFH ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

HM
FH

Arlington High School

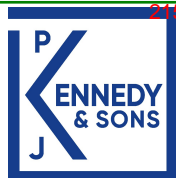
POWER AND SYSTEMS SECOND FLOOR- MECHANICAL
ROOM - RFI 582

REF. DWG. E2.2e RFI-582

CCC - CR323
DRAWING NUMBER
SKE
41B
JOB NUMBER
6017442

DATE: 01/04/22 DRAWN: Author/CHECKED: Checker

SCALE:



Patrick J. Kennedy & Sons, Inc.

MECHANICAL CONTRACTORS

39 Gibson Street
Boston, MA 02122-1222
Ph : (617)265-5535

REQUEST FOR INFORMATION

Number: 75

Date: 12/20/2021

Phone:

Job: 2020-21 Arlington HS Main Package

To: Kevin Samya
Consigli Construction Co. Inc.
72 Sumner Street
Milford, MA 01757
Ph: 857-300-6900

CC:**Subject:** Electric Boiler Emergency Disconnect Switch**Drawing:****Cost Impact:** None**Spec Section:****Schedule Impact:** None**Request:****Date Required:**

The electric boiler requires an "Emergency Disconnect Switch" be installed. Startup cannot be completed until a switch is installed. Please confirm that electrician can install switch(s) per attached plan. Switch location(s) to be confirmed by AHJ.

Requested by: Bill Gray
Patrick J. Kennedy & Sons, Inc

Response:_____
Answered by_____
Company_____
Date

SWITCH LOCATION(S)
TO BE CONFIRMED BY
AHJ

ATC CONTROL PANELS

e1.7

e2.2

RFCL
2.015

F
4

30"x18"

FCU
1-E-2

FIRE DAMPER
40"x12"

H
40x12
151/5

G
30x14
151/5

FIRE DAMPER

G
14x14
775

H
38x12
775

FIRE DAMPER

FCU
2-E-2

GLYCOL FEED
TANK SET

SWIRL GUN
(15-20)

ET
4

ET
5

FIRE DAMPER

CHWWS

3/4"

UH
2

1 1/4"

TS

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CCC Submittal
#230000-042
2153
CCC RFI #582

4

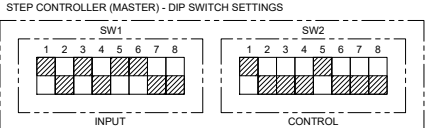
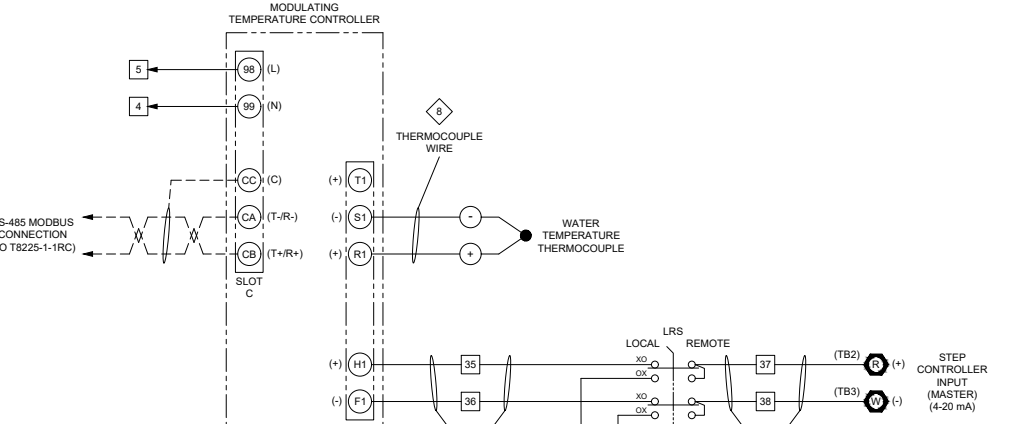
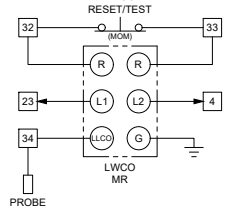
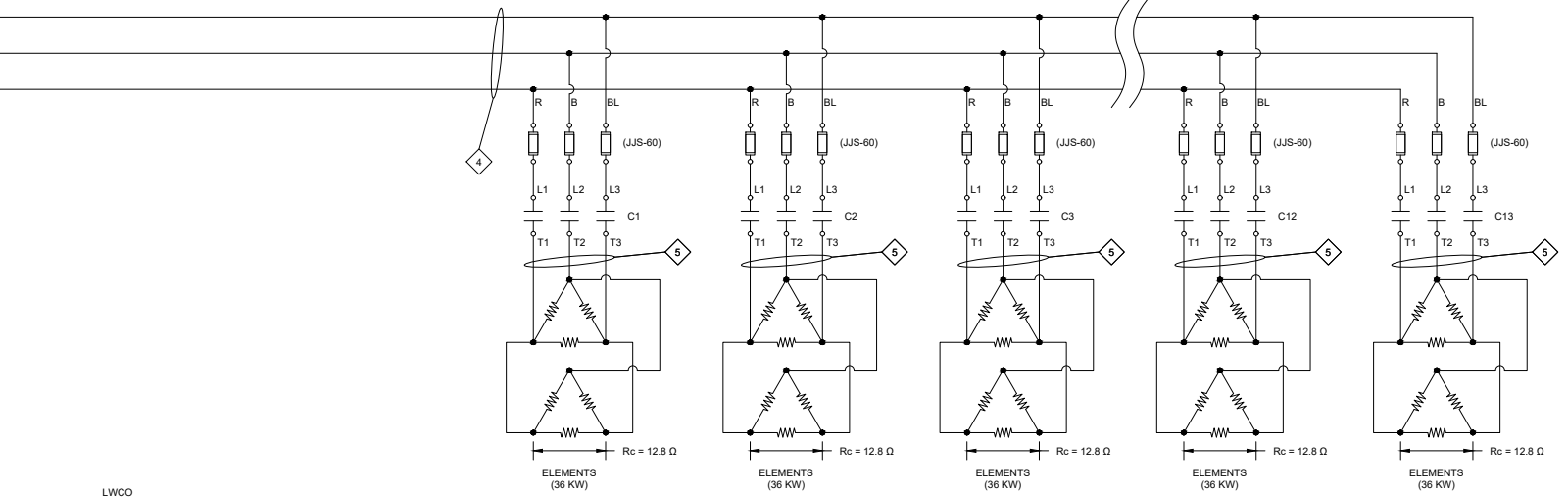
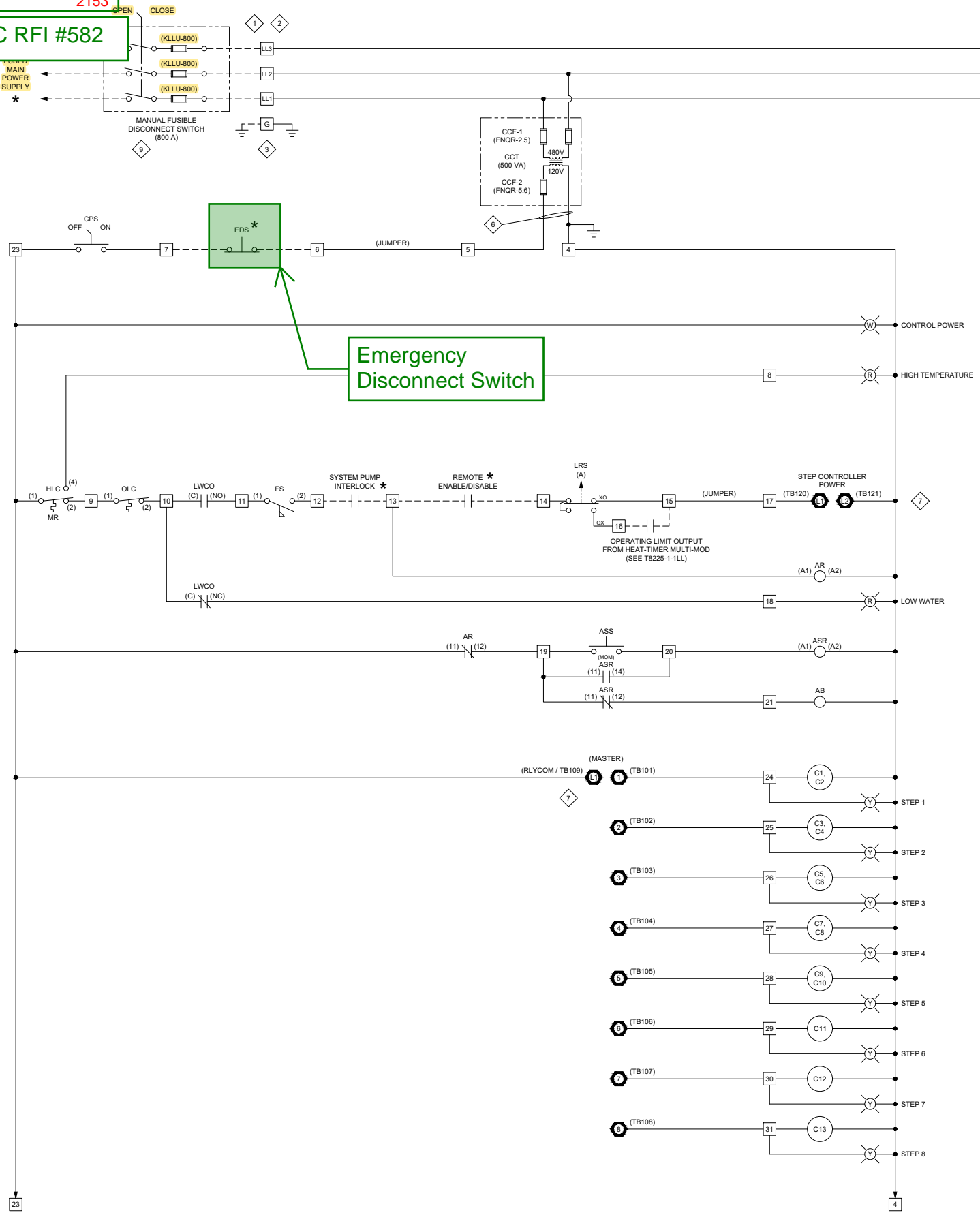
3

2

1

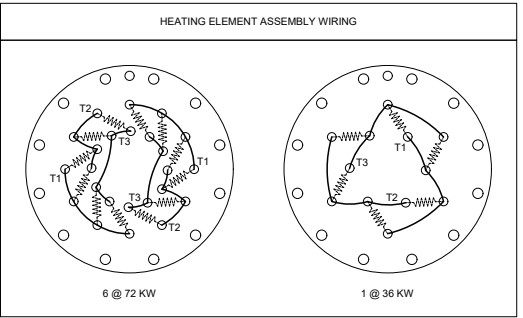
CCC - CR323

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INDICATES "ON"

INDICATES "OFF"



- NOTES:**
- 1 CUSTOMER'S POWER SUPPLY CIRCUIT WITH PROTECTIVE DEVICE AS REQUIRED. SUGGESTED WIRING: (2) # 500 MCM CU WIRES PER PHASE, PER NEC TABLE 310.15(B)(16), BASED ON 75°C INSULATION WITH 125% CORRECTION.
 - 2 MAIN POWER SUPPLY CONNECTION LUGS WILL ACCEPT UP TO (4) # 500 MCM CU WIRES PER PHASE.
 - 3 GROUND LUGS, LOCATED ADJACENT TO MAIN POWER CONNECTION LUGS, WILL ACCEPT UP TO (2) # 2/0 AWG CU WIRES.
 - 4 HEATER CIRCUIT WIRING TO CONTACTORS: # 6 AWG, THHN, 90°C, UL/CSA
 - 5 HEATER CIRCUIT WIRING TO HEATERS: # 8 AWG, XLPE, 125°C, UL/CSA
 - 6 CONTROL CIRCUIT WIRING: # 16 AWG, MTW, 105°C, UL/CSA
 - 7 STEP CONTROL IS 8-STEP (MASTER) PROGRESSIVE SEQUENCE (SELECTRONIX SLC4000-8).
 - 8 THERMOCOUPLE WIRE MUST BE RUN IN SEPARATE CONDUIT.
 - 9 **DISCONNECT TERMINAL LUGS PROVIDED TO ACCEPT UP TO (3) # 600 MCM CU WIRES PER PHASE. (DUMMY FUSES PROVIDED FOR NON-FUSED APPLICATION.)**
- SCHEMATIC SYMBOLS:**
- DENOTES CONTROL PANEL TERMINALS
 - DENOTES TERMINAL DESIGNATION ON DEVICE
 - ★ EQUIPMENT FURNISHED BY OTHERS
 - FIELD WIRING FURNISHED BY OTHERS
 - STEP CONTROLLER TERMINALS
- CONTROL WIRE COLOR LEGEND:**
- R - 120 VAC
 - B - GREATER THAN 120 VAC
 - O - LOW VOLTAGE AC
 - Y - DRY CIRCUIT
 - G - GROUND CONDUCTOR
 - BL - VOLTAGE DC
 - W - NEUTRAL/GROUNDED CONDUCTOR

REVISIONS		DRAWN	
01	03/04/21	DRN	DRN
REVISED DISCONNECT SWITCH TO FUSIBLE 800A (S/L), PER ORDER REV #1.			

WARNING: Changes, modifications, or alterations are strictly prohibited. Changes to this drawing and subsequent modification of equipment could result in damage to the equipment and/or serious personal injury.

ELECTRICAL SPECIFICATIONS		WIRE COLOR	SYMBOL
HEATING STAGES	5 @ 72 KW, 3 @ 36 KW	YELLOW	Y
ELEMENT RATING	6 KW / 75 WSI / 480 V	GREEN	GRN
ELEMENT SHEATH	INCOLOY	RED	R
ELEMENT QUANTITY	78	BLUE	BL
CONTACTOR QUANTITY	13	WHITE	W
MODULATING CONTROLLER		BLACK	B
CONFIGURATION FILE 81705596_HW_A_STD		BLUE/WHITE	BLU/WH
		YELLOW/GREEN	YEL/GRN
		GREEN/YELLOW	GRN/YEL

ARLINGTON HIGH SCHOOL		SCALE	
ARLINGTON, MA		N.T.S.	
T8225		DATE	
		12/11/20	
		DRAWN BY	
		DRN	
		CHECKED BY	
		JMP	
		SIZE	
		D	

WIRING DIAGRAM		SHEET NO:	
		1 OF 1	

WB 202		468		160HW		CSD-1	
MODEL		SIZE		KW		PRESSURE	
480		3		60		3	
VOLTS		PHASE		HERTZ		WIRE	
						FLA	

DWG NO:		T8225-1-1WD		01	
---------	--	-------------	--	----	--



INVOICE

116 Hopping Brook Road, Holliston, MA 01746
(508) 429-8830 FAX (508) 429-9251

MA LIC. A8999, 4536A1

CHRIS WEBER
Sold To: CONSIGLI CONSTRUCTION CO.
72 SUMNER STREET
MILFORD, MA 01757

Work Done At: ARLINGTON HIGH SCHOOL
869 MASS AVENUE
ARLINGTON, MA 02476

JOB NO. 02698-00-20	PO Nbr	Terms Net 30 Days	PLEASE REMIT BY INVOICE NUMBER	P0110.	Invoice Date 2/3/2022
------------------------	--------	----------------------	-----------------------------------	--------	--------------------------

DESCRIPTION OF WORK:

RE: Job#2698- Arlington High School
Proposal#P0110.

As directed by RFI #582 under ~~CR 244.1~~ **CR323**, provide labor services to install an Emergency Disconnect EPO Shut Off in Building E Mechanical Room S2-14.

INVOICE TOTAL

6,018.92



Terms: Net 30 Days with 1.5% Interest on all Unpaid Balance over 30 days



WAYNE J.
GRIFFIN ELECTRIC
INC.

February 4, 2022

VIA EMAIL ONLY: cweber@consigli.com

Mr. Chris Weber, Project Manager
Consigli Construction Company, Inc.
72 Sumner Street
Milford, MA 01757

RE: Job #2698 - Arlington High School, Arlington, MA
Proposal #110

Dear Mr. Weber:

In accordance with the field change order signed by you, the contract should be modified to include the following revision per our enclosed detailed backup:

DESCRIPTION OF WORK:

As directed by RFI #582 under ~~CR-244.1~~ **CR323**, provide labor services to install an emergency disconnect EPO shut off in Building E Mechanical Room S2-14.

The material pricing enclosed is based on industry recognized standardized unit rates obtained from R.S. Means, as agreed to for your review, approval and acceptance. The labor hours are as signed for and acknowledged by your on-site representative.

Total \$ 6,018.90 ✓

Please issue a written change order as the work above has been completed. The value included in this field change order does not include any amounts for changes in the sequence of work, disruptions, interference and/or impacts, and the right is expressly reserved to recover any and all of these related items prior to any final settlement of this contract. The working relationship between your company and ours shall be in accordance with our mutually agreed to contract form.

Corporate Headquarters:

116 Hopping Brook Road
Holliston, MA 01746
Phone: (508) 429-8830
Fax: (508) 429-7825

Regional Offices:

296 Cahaba Valley Parkway
Pelham, AL 35124
Phone: (205) 733-8848
Fax: (205) 733-8107

1950 Evergreen Boulevard
Suite 300
Duluth, GA 30096
Phone: (678) 417-9377
Fax: (678) 417-9373

2310 Presidential Drive
Suite 101
Durham, NC 27703
Phone: (919) 627-9724
Fax: (919) 627-9727

9801-C Southern Pine Boulevard
Charlotte, NC 28273
Phone: (704) 522-3851
Fax: (704) 522-3856

If you have any questions regarding the above, please do not hesitate to contact me at (508) 306-5313 or wpease@wjgei.com.

Very truly yours,

WAYNE J. GRIFFIN ELECTRIC, INC.



Wayne A. Pease
Senior Project Manager

WP/jav

ACKNOWLEDGMENT: The contract modifications stated for the above field change are acceptable for the work already performed. The value of the work completed to the date of the next requisition may be billed on that requisition.

Date: _____ Authorized Signature: _____

cc: John LaMarre, Senior Project Manager, Consigli Construction Company, Inc.,
JLaMarre@consigli.com
George Gray, Project Engineer, Wayne J. Griffin Electric, Inc.
Jeremiah Kimball, Project Foreman, Wayne J. Griffin Electric, Inc.



CCN#: P-0110, CR 244.1 Boiler EPO
Date: 2/2/2022
Project Name: Arlington High School
Project Number: 02698-00-20
Page Number: 1

116 Hopping Brook Road, Holliston, MA 01746
 (508) 429-8830 FAX (508) 429-9251

Work Description

CR323

As directed by RFI #582 under ~~CR 244.1~~, provide labor services to install an Emergency Disconnect EPO Shut Off in Building E Mechanical Room S2-14.

Itemized Breakdown

Description	Qty	Net Price	UM	Materials (\$)	Labor	Total Hours
Labor 1/10/22 - 1/24/22	1.00	0.0000	E	0.000	22.000	22.000
3/4" EMT Pipe	200.00	1.7813	E	356.250	0.000	0.000
3/4" EMT Connectors	10.00	1.0500	E	10.500	0.000	0.000
3/4" EMT Couplings	25.00	2.4000	E	60.000	0.000	0.000
#12 THHN Wire	600.00	0.2520	E	151.190	0.000	0.000
3/4" EMT Mini Support	20.00	0.3600	E	7.200	0.000	0.000
Tek Screws	50.00	0.2730	E	13.650	0.000	0.000
4" Square Box	4.00	5.2000	E	20.800	0.000	0.000
4" Square Cover	1.00	0.9800	E	0.980	0.000	0.000
EPO Shut Off	3.00	298.7567	E	896.270	0.000	0.000
Freight	1.00	65.0000	E	65.000	0.000	0.000
Phase Totals				1,581.84		22.00
Totals				1,581.84		22.00
Tax				0.00		
Materials with Tax				1,581.84		

Summary

Itemized Breakdown Total			1,581.86	✓
Electrical Foreman Overtime	(2.0000 hrs @ \$134.85 / hr)	269.70		
Electrical Journeyman Overtime	(20.0000 hrs @ \$134.85 / hr)	2,697.00		
			2,966.70	✓
Labor Burden	(\$2,966.70 @ 30.00%)	890.01		
		890.01		✓
Overhead & Profit	(\$5,438.57 @ 10.00%)	543.86		
		543.86		✓
Bond	(\$5,982.43 @ 0.61%)	36.49		
		36.49		✓
			1,470.36	✓
Total			\$6,018.92	✓



CONSIGLI

Est. 1905

SLIP TRACKING

REF.

CCC - CR323

462

Project Name	Arlington High School	Job# 2153	Date	1/3/22
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THIS DOCUMENT IS TO BE USED FOR TRACKING PURPOSES ONLY:

(This document is not intended to constitute as acceptance of additional work to the contract nor does this document infer that the contractor will be compensated for the work performed)

Contractor	WSGEI
Contractor (Foreman's Signature)	
Contractor Extra Work #	CR323
Cost Code	CR244.1
Time Begin (Consigli Signature Required)	
Time Complete (Consigli Signature Required)	
Work Performed	OT FOR RFI W/2 EEC BULK ERO (PHASE 1 E ONLY)
Manpower	22 hrs
Materials	SEE ATTACHED

FOR OFFICE USE ONLY

Comments	H.R. SKANSKA 1/25/22		
Category (Check One)	<input type="checkbox"/> Internal	<input type="checkbox"/> Owner	<input type="checkbox"/> Backcharge
Status (Check One)	<input type="checkbox"/> Rejected	<input type="checkbox"/> Accepted	<input type="checkbox"/> Pending
Reference drawing or specification section:			

White: PM

Yellow: Contractor Copy

Pink: Remains

WAYNE J. GRIFFIN ELECTRIC INC. 116 HOPPING BROOK ROAD HOLLISTON, MA 01746 TEL: 508-429-8830 FAX 508-429-7825				WORK AUTHORIZATION				Check one:	
Consigli 72 Summer Street Milford MA, 01757				Overtime for RFI 582 Electric Boiler EPO Note this is only phase 1 E building EPO				<input checked="" type="checkbox"/> Time & Material	
PREWORK AUTHORIZATION AUTHORIZED SIGNATURE:				Chris Weber, VIA EMAIL DATED 1/3/2022 Date: 1-3-22				<input type="checkbox"/> Service Division <input type="checkbox"/> Other - Specify <input type="checkbox"/> Emergency Call <input type="checkbox"/> Customer PO	
YOU ARE HEREBY AUTHORIZED TO PERFORM THE ABOVE ADDITIONAL WORK UNDER THE SAME CONDITIONS AS SPECIFIED IN THE ORIGINAL CONTRACT PROPOSAL UNLESS OTHERWISE STIPULATED.									
MATERIAL AND LABOR BREAKDOWN									
	Reference CR323								
200'	3/4 EMT			20	3/4 mini EMT support				
	10 EMT connector			50	tek screws				
	25 EMT coupling								
200'	Black #12 THHN								
200'	White #12 THHN								
200'	Green #12 THHN								
4	4" square								
1	4" blank plates								
3	EPO shut off								
TIME AND LABOR RECORD									
Worker:	Date:	Hours:	Worker:	Date:	Hours:	Worker:	Date:	Hours:	
Erik P. Brown	1/10/2022	8							
Erik P. Brown	1/11/2022	8							
Jeremiah Kimball	1/19/2022	2							
Erik P. Brown	1/24/2022	4							
								Total Man Hours 22	
Electronic copy on file								DATE: The Labor and materials listed above are accurate and the work was completed satisfactorily	

Jeremiah Kimball

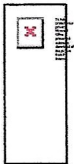
From: Weber, Chris <cweber@consigli.com>
Sent: Wednesday, January 5, 2022 1:41 PM
To: Wayne Pease; Jeremiah Kimball
Cc: Samya, Kevin; LaMarre, John; McWilliams, Chuck; DeRosa, Thomas; Dockendorf, David
Subject: FW: RFI: #582: Electric Boiler Emergency Disconnect Switch (Building E/B) (PJK RFI #75)

Note: This email originated outside Wayne J. Griffin Electric. Use caution with replies, links and attachments. Please forward any suspicious looking email to spamcatcher@wjgei.com.

Wayne/Jeremiah,

Please take this as authorization to proceed with the F&I of boiler emergency disconnect as specified in RFI-582 response below. Please reference CR323 for tracking. Please confirm order being placed ASAP and confirm lead time and ROM estimate for completion of work.

Thanks



Chris Weber
Project Manager
m: 774.573.4072
 [consigli.com](mailto:cweber@consigli.com)

From: Kevin Samya (Consigli Construction Co., Inc.) <Consigli_Notifications@procoretech.com>
Sent: Wednesday, January 5, 2022 10:18 AM
To: Weber, Chris <cweber@consigli.com>
Subject: FW: RFI: #582: Electric Boiler Emergency Disconnect Switch (Building E/B) (PJK RFI #75)

Arlington High School



More details: [View online](#)  [View PDF](#)

From: Kevin Samya (Consigli Construction Co., Inc.)
Date: Wednesday, January 5, 2022 at 10:18 am EST
Sent To: Kim Beagan (Wayne J. Griffin Electric Inc.)
Alyx Carlile (P.J. Kennedy & Sons)
Patrick Condon (Consigli Construction Co., Inc.)



Change Request

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR323
Date: 1/5/22
Job: 2153 Arlington High School
Phone:

Description: RFI-582 - Electric Boiler Emergency Disconnect Switch (Building E/B)_T&M_Sub. 020922

Source: RFI # 582

We offer the following specifications and pricing to make the changes as described below:

CR323 includes costs associated with RFI-582 - Electric Boiler Emergency Disconnect Switch Bldg. E-B response dated 1/4/22 issued by HMFH. Per RFI-582 direction, WJGEI furnished/installed (3) EPO switches at Mechanical Room S2-14 (Bldg. E) in locations as directed on T&M basis. Please see attached pricing and associated backup for additional information.

Assumptions & Qualifications:

- CCC has proceeded with this scope change in order to maintain project schedule
- CR323 includes costs associated with F&I of EPO switches in Bldg E Locations only. Bldg. B locations to be submitted under separate cover.
- Costs associated with patching/repair of adjacent finishes are not included

Description	Labor	Material	Equipment	Subcontract	Other	Price
WJGEI - Proposal #110 dated 2/3/22				\$6,018.92		\$6,018.92
					Subtotal:	\$6,018.92
			Bond (.75%)	\$6,018.92		\$45.14
			General Liability (1.2%)	\$6,018.92		\$72.23
			Subguard (1.4%)	\$6,018.92		\$0.00
			OH&P (5% subs, 10% self perform)	\$6,136.29		\$306.81
					Total:	\$6,443.10

☐ SCHEDULE IMPACT

☒ We have proceeded with this change to achieve schedule.

☐ As directed, we will not proceed with this change until formal direction from OWNER is received.

ARCHITECT

Consigli Construction Co., Inc.

CONTRACTOR
72 Sumner Street
Milford, MA

OWNER

(Signature)

Arthur Duffy

By

02/14/2022

Date

(Signature)

John LaMarre

By

2/8/22

Date

(Signature)

Jim Burrows

By

2/15/2022

Date

Consigli Construction Co., Inc.

Construction Managers and General Contractors

72 Sumner Street, Milford MA 01757 • phone: 508-473-2580 • fax: 508-473-3588 • web: www.consigli.com
Hartford CT • Washington DC • Portland ME • Boston MA • Milford MA • Albany NY • New York NY • Pleasant Valley NY • Ronkonkoma NY

Electric Boiler Emergency Disconnect Switch (Building E/B) (PJK RFI #75)

TO:	Stephanie MacNeil (HMFH Architects) Arthur Duffy (HMFH Architects)	FROM:	Kevin Samya (Consigli Construction Co., Inc.) 72 Sumner Street Milford, Massachusetts 01757
DATE INITIATED:	12/22/2021	STATUS:	Open
LOCATION:		DUE DATE:	12/27/2021
COST CODE:		REFERENCE:	PJK RFI #75
COST IMPACT:	TBD	SCHEDULE IMPACT:	TBD
DRAWING NUMBER:	M4.1, E2.2e, E2.0b	SPEC SECTION:	230000 - Heating, Ventilating, and Air Conditioning (HVAC)
RECEIVED FROM:	William Gray (P.J. Kennedy & Sons)		

COPIES TO:

CA Bala (Bala Consulting Engineers), Gil Castera (Bala), Victoria Clifford (Skanska USA Inc.), Greg Cmar (Interval Data Systems), Patrick Condon (Consigli Construction Co., Inc.), Ken Davis (Bala Consulting Engineers), Tom DeRosa (Consigli Construction Co., Inc.), David Dockendorf (Consigli Construction Co., Inc.), Arthur Duffy (HMFH Architects), Jim Fikiet (Skanska USA Inc.), Ryan Flynn (Bala Consulting Engineers), Vianely Franco (HMFH Architects), Kevin Fuller (Interval Data Systems), Mike Gagne (Interval Data Systems), Bill Gnerre (Interval Data Systems), George Hines (Bala Consulting Engineers), William Lentz (Bala Consulting Engineers), Stephanie MacNeil (HMFH Architects), Chuck McWilliams (Consigli Construction Co., Inc.), Reid Mullett (Rist-Frost-Shumway Engineering (RFS)), Brandon Mynter (Consigli Construction Co., Inc.), Sy Nguyen (Skanska USA Inc.), Fran Patnode (Rist-Frost-Shumway Engineering (RFS)), Hal Raymond (Skanska USA Inc.), Richard Rivera (Bala Consulting Engineers), Kevin Samya (Consigli Construction Co., Inc.), Mason Saunders (Consigli Construction Co., Inc.), Chris Weber (Consigli Construction Co., Inc.)

Question from Kevin Samya (Consigli Construction Co., Inc.) at 03:12 PM on 12/22/2021

Please reference the attached PJK RFI #75. Please reference HVAC Drawing M4.1 and the associated Electrical Drawings E2.2e and E2.0b.

The Electrical Boilers in Mechanical Room S2-14 require an "Emergency Disconnect Switch" at the exits of the room. Startup of the equipment cannot be completed until the switch is furnished and installed by a certified electrician. There is no information in the specifications or drawings identifying ownership and locations of these devices.

The HVAC Contractor has proposed (2) device locations in the attached document that need to be confirmed acceptable by AHJ. Design team to provide insight on devices.

Please Note - Mechanical Room S1-08 on Level 1 of Building B also has an Electric Boiler that requires the same "Emergency Disconnect Switch".

Attachments:

[RFI #582 - Electric Boiler Emergency Disconnect Switch \(Building E-B\) \(PJK RFI #75\).pdf](#)

Awaiting an Official Response

All Replies:

Emergency Disconnect Switches for Electric Boilers are required and should be added at both Mechanical Rooms. Refer to attached Sketches SKE-41A & 41B. Switches shall be push button type with "Emergency Boiler Shut-Down" text on device (by Pilla Electrical Model BSD120 or equal) installed in approximate locating shown at an elevation of 48" above finished floor. Switches located in common corridors shall be provided with tamper-proof plastic transparent covers.

J. Ryan Flynn/Ken Davis - BALA
1/04/2022

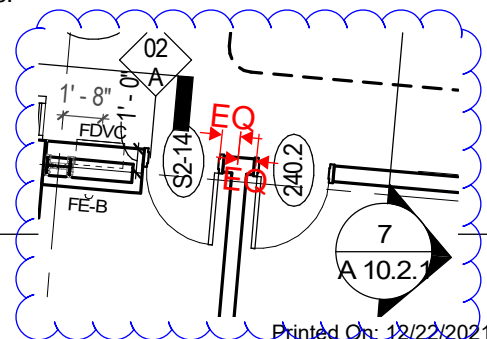
The switch at Corridor C2-15 is to be located centered within the width of tile between doors S2-14 and 240.2.

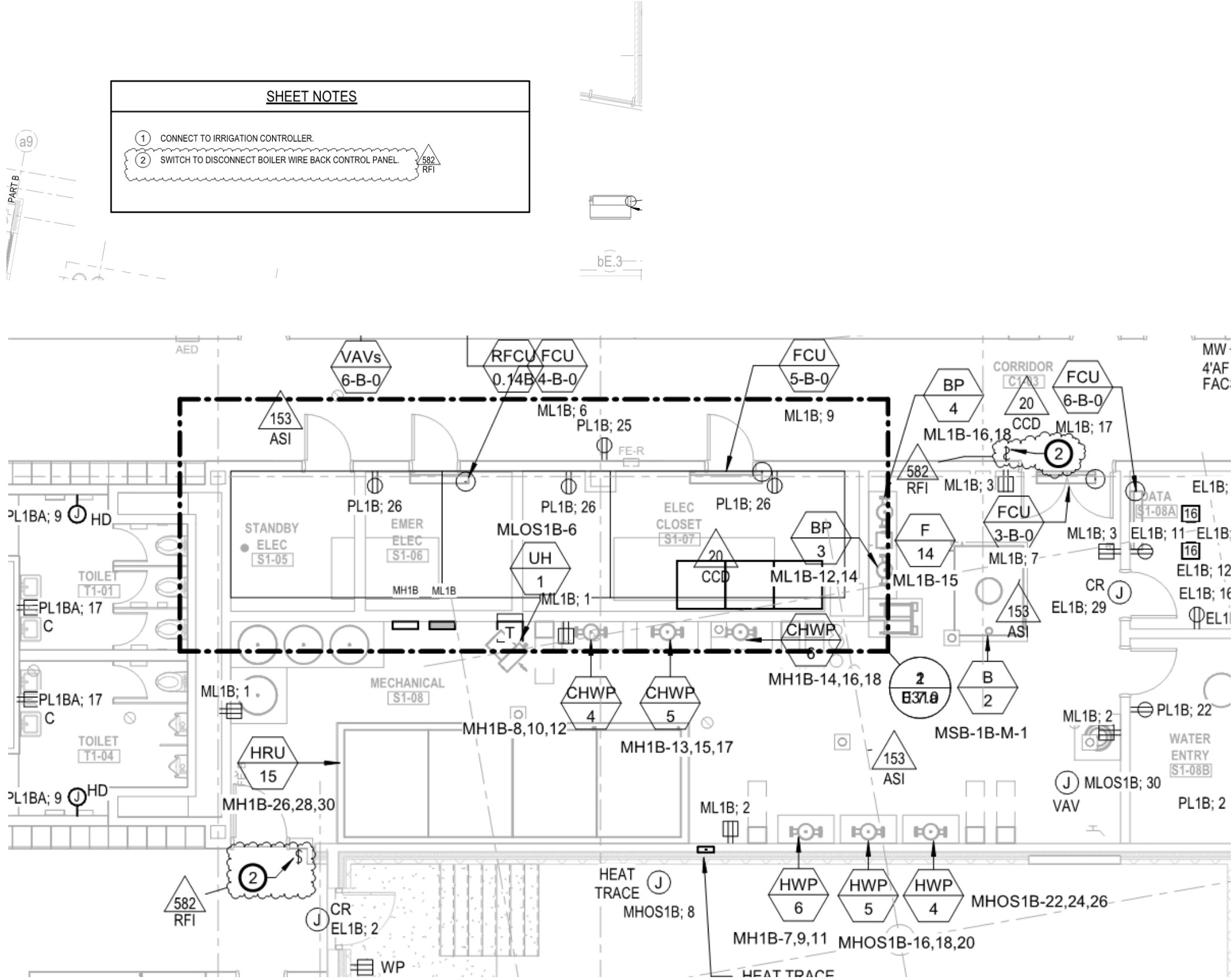


BY

01/04/2022

DATE





SHEET NOTES

1

CONNECT TO IRRIGATION CONTROLLER.

2

SWITCH TO DISCONNECT BOILER WIRE BACK CONTROL PANEL.

BALA
ENGINEERS
PHILADELPHIA | NEW YORK | BOSTON | BALTIMORE
INDIANAPOLIS | CHICAGO | LOS ANGELES
SAN FRANCISCO | SEATTLE | WASHINGTON, DC

HMFH ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

Arlington High School

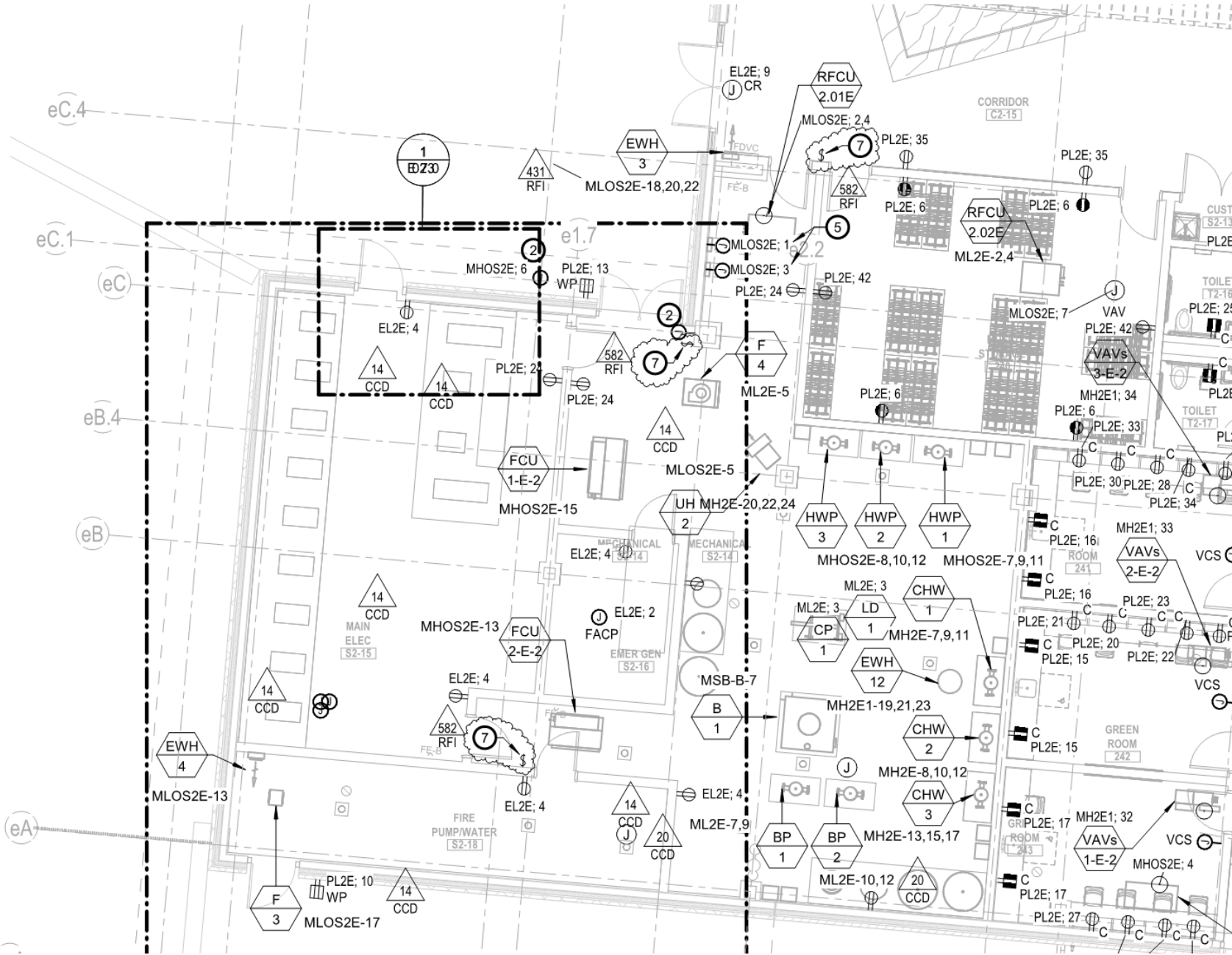
POWER AND SYSTEMS FIRST FLOOR- MECHANICAL
ROOM - RFI 582

REF. DWG. E2.0b RFI-582

DATE: 01/04/22 DRAWN: Author/CHECKED: Checker

SCALE:

CCC - CR323
DRAWING NUMBER
SKE
41A
JOB NUMBER
6017442



SHEET NOTES	
1	CONDUIT AND WIRING TO ASSOCIATED MOTORIZED SHADE CONTROLLER ON THIRD FLOOR.
2	CONNECT TO HEAT TRACE CABLE AND CONTROLLER
3	CONDUIT AND WIRING TO ASSOCIATED MOTORIZED PROJECTION SCREEN.
4	RECEPTACLES FOR FUTURE THEATRICAL LIGHTING; REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT AND EXACT LOCATIONS.
5	CONNECT TO ATC PANELS
6	CONNECT TO HEAT TRACE CONTROL PANEL FOR FP MAIN AND PIPING TO TEMPORARY BRIDGE
7	SWITCH TO DISCONNECT BOILER WIRE BACK CONTROL PANEL.

BALA
ENGINEERS

PHILADELPHIA | NEW YORK | BOSTON | BALTIMORE
INDIANAPOLIS | LOS ANGELES | CHICAGO
SAN FRANCISCO | SEATTLE | DALLAS

BALA CONSULTING ENGINEERS, INC.
50 TEMPLE PLACE
BOSTON, MA 02111-1308
TEL: 617.252.1100
WWW.BALA.COM

HMFH ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

HM FH

Arlington High School

**POWER AND SYSTEMS SECOND FLOOR- MECHANICAL
ROOM - RFI 582**

REF. DWG. E2.2e RFI-582

DRAWING NUMBER

SKE 41B

JOB NUMBER

6017442

SCALE:

DATE: 01/04/22

DRAWN: Author

CHECKED: Checker

CCC - CR323



Patrick J. Kennedy & Sons, Inc.

MECHANICAL CONTRACTORS

39 Gibson Street
Boston, MA 02122-1222
Ph : (617)265-5535

REQUEST FOR INFORMATION

Number: 75

Date: 12/20/2021

Phone:

Job: 2020-21 Arlington HS Main Package

To: Kevin Samya
Consigli Construction Co. Inc.
72 Sumner Street
Milford, MA 01757
Ph: 857-300-6900

CC:

Subject: Electric Boiler Emergency Disconnect Switch

Drawing:

Cost Impact: None

Spec Section:

Schedule Impact: None

Request:

Date Required:

The electric boiler requires an "Emergency Disconnect Switch" be installed. Startup cannot be completed until a switch is installed. Please confirm that electrician can install switch(s) per attached plan. Switch location(s) to be confirmed by AHJ.

Requested by: Bill Gray
Patrick J. Kennedy & Sons, Inc

Response:

Answered by

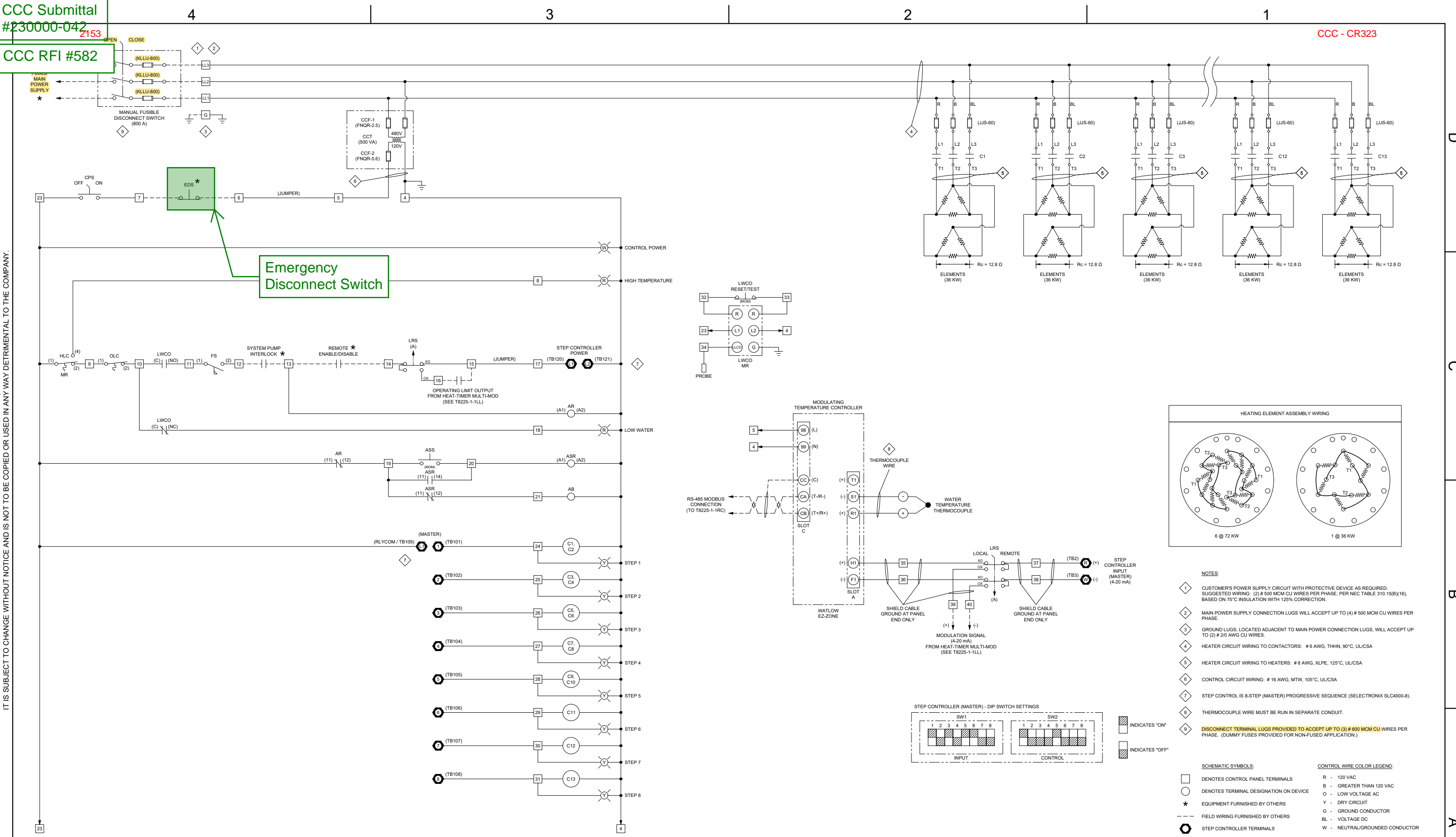
Company

Date

CCC Submittal
#230000-042

CCC RFI #582

THIS DRAWING IS PROPERTY OF CLEAVER-BROOKS, INC. IT IS SUBJECT TO CHANGE WITHOUT NOTICE AND IS NOT TO BE COPIED OR USED IN ANY WAY DETRIMENTAL TO THE COMPANY.



REVISIONS		WARNING: Changes, modifications, or alterations are strictly prohibited. Changes to this drawing and subsequent modification of equipment could result in damage to the equipment and/or serious personal injury.	
01	03/04/21	DRN	
REVISED DISCONNECT SWITCH TO FUSIBLE 800A (S/L) PER ORDER REV #1.			

ELECTRICAL SPECIFICATIONS		WIRE COLOR		SYMBOL	
HEATING STAGES	5 @ 72 KW, 3 @ 36 KW	YELLOW		Y	
ELEMENT RATING	6 KW / 75 WSI / 480 V	GREEN		GRN	
ELEMENT SHEATH	INCOLOY	RED		R	
ELEMENT QUANTITY	78	BLUE		BL	
CONTACTOR QUANTITY	13	WHITE		W	
		BLACK		B	
		BLUE/WHITE		BLU/WH	
		YELLOW/GREEN		YEL/GRN	
		GREEN/YELLOW		GRN/YEL	

ARLINGTON HIGH SCHOOL ARLINGTON, MA T8225	WIRING DIAGRAM
SHEET NO: 1 OF 1	

SCALE N.T.S.	DATE 12/11/20
DRAWN BY DRN	CHECKED BY JMP
SIZE D	

WB	202	468	160HW	CSD-1
MODEL	SIZE	KW	PRESSURE	INSURANCE
480	3	60	3	565
VOLTS	PHASE	HERTZ	WIRE	FLA

DWG NO: T8225-1-1WD	01
---------------------	----



INVOICE

116 Hopping Brook Road, Holliston, MA 01746
(508) 429-8830 FAX (508) 429-9251

MA LIC. A8999, 4536A1

CHRIS WEBER
Sold To: CONSIGLI CONSTRUCTION CO.
72 SUMNER STREET
MILFORD, MA 01757

Work Done At: ARLINGTON HIGH SCHOOL
869 MASS AVENUE
ARLINGTON, MA 02476

JOB NO. 02698-00-20	PO Nbr	Terms Net 30 Days	PLEASE REMIT BY INVOICE NUMBER	P0110.	Invoice Date 2/3/2022
------------------------	--------	----------------------	-----------------------------------	--------	--------------------------

DESCRIPTION OF WORK:

RE: Job#2698- Arlington High School
Proposal#P0110.

CR323

As directed by RFI #582 under ~~CR 244.1~~, provide labor services to install an Emergency Disconnect EPO Shut Off in Building E Mechanical Room S2-14.

INVOICE TOTAL

6,018.92



Terms: Net 30 Days with 1.5% Interest on all Unpaid Balance over 30 days



WAYNE J.
GRIFFIN ELECTRIC
INC.

February 4, 2022

VIA EMAIL ONLY: cweber@consigli.com

Mr. Chris Weber, Project Manager
Consigli Construction Company, Inc.
72 Sumner Street
Milford, MA 01757

RE: Job #2698 - Arlington High School, Arlington, MA
Proposal #110

Dear Mr. Weber:

In accordance with the field change order signed by you, the contract should be modified to include the following revision per our enclosed detailed backup:

DESCRIPTION OF WORK:

As directed by RFI #582 under ~~CR-244.1~~ **CR323**, provide labor services to install an emergency disconnect EPO shut off in Building E Mechanical Room S2-14.

The material pricing enclosed is based on industry recognized standardized unit rates obtained from R.S. Means, as agreed to for your review, approval and acceptance. The labor hours are as signed for and acknowledged by your on-site representative.

Total \$ 6,018.90 ✓

Please issue a written change order as the work above has been completed. The value included in this field change order does not include any amounts for changes in the sequence of work, disruptions, interference and/or impacts, and the right is expressly reserved to recover any and all of these related items prior to any final settlement of this contract. The working relationship between your company and ours shall be in accordance with our mutually agreed to contract form.

Corporate Headquarters:

116 Hopping Brook Road
Holliston, MA 01746
Phone: (508) 429-8830
Fax: (508) 429-7825

Regional Offices:

296 Cahaba Valley Parkway
Pelham, AL 35124
Phone: (205) 733-8848
Fax: (205) 733-8107

1950 Evergreen Boulevard
Suite 300
Duluth, GA 30096
Phone: (678) 417-9377
Fax: (678) 417-9373

2310 Presidential Drive
Suite 101
Durham, NC 27703
Phone: (919) 627-9724
Fax: (919) 627-9727

9801-C Southern Pine Boulevard
Charlotte, NC 28273
Phone: (704) 522-3851
Fax: (704) 522-3856

If you have any questions regarding the above, please do not hesitate to contact me at (508) 306-5313 or wpease@wjgei.com.

Very truly yours,

WAYNE J. GRIFFIN ELECTRIC, INC.



Wayne A. Pease
Senior Project Manager

WP/jav

ACKNOWLEDGMENT: The contract modifications stated for the above field change are acceptable for the work already performed. The value of the work completed to the date of the next requisition may be billed on that requisition.

Date: _____ Authorized Signature: _____

cc: John LaMarre, Senior Project Manager, Consigli Construction Company, Inc.,
JLaMarre@consigli.com
George Gray, Project Engineer, Wayne J. Griffin Electric, Inc.
Jeremiah Kimball, Project Foreman, Wayne J. Griffin Electric, Inc.



CCN#: P-0110, CR 244.1 Boiler EPO
 Date: 2/2/2022
 Project Name: Arlington High School
 Project Number: 02698-00-20
 Page Number: 1

116 Hopping Brook Road, Holliston, MA 01746
 (508) 429-8830 FAX (508) 429-9251

Work Description

CR323

As directed by RFI #582 under ~~CR 244.1~~, provide labor services to install an Emergency Disconnect EPO Shut Off in Building E Mechanical Room S2-14.

Itemized Breakdown

Description	Qty	Net Price	UM	Materials (\$)	Labor	Total Hours
Labor 1/10/22 - 1/24/22	1.00	0.0000	E	0.000	22.000	22.000
3/4" EMT Pipe	200.00	1.7813	E	356.250	0.000	0.000
3/4" EMT Connectors	10.00	1.0500	E	10.500	0.000	0.000
3/4" EMT Couplings	25.00	2.4000	E	60.000	0.000	0.000
#12 THHN Wire	600.00	0.2520	E	151.190	0.000	0.000
3/4" EMT Mini Support	20.00	0.3600	E	7.200	0.000	0.000
Tek Screws	50.00	0.2730	E	13.650	0.000	0.000
4" Square Box	4.00	5.2000	E	20.800	0.000	0.000
4" Square Cover	1.00	0.9800	E	0.980	0.000	0.000
EPO Shut Off	3.00	298.7567	E	896.270	0.000	0.000
Freight	1.00	65.0000	E	65.000	0.000	0.000
Phase Totals				1,581.84		22.00
Totals				1,581.84		22.00
Tax				0.00		
Materials with Tax				1,581.84		

Summary

Itemized Breakdown Total			1,581.86	✓
Electrical Foreman Overtime	(2.0000 hrs @ \$134.85 / hr)	269.70		
Electrical Journeyman Overtime	(20.0000 hrs @ \$134.85 / hr)	2,697.00		
			2,966.70	✓
Labor Burden	(\$2,966.70 @ 30.00%)	890.01		
		890.01		✓
Overhead & Profit	(\$5,438.57 @ 10.00%)	543.86		
		543.86		✓
Bond	(\$5,982.43 @ 0.61%)	36.49		
		36.49		✓
			1,470.36	✓
Total			\$6,018.92	✓



CONSIGLI

Est. 1905

SLIP TRACKING

REF.

CCC - CR323

462

Project Name	Arlington High School	Job# 2153	Date	1/3/22
--------------	-----------------------	-----------	------	--------

THIS DOCUMENT IS TO BE USED FOR TRACKING PURPOSES ONLY:

(This document is not intended to constitute as acceptance of additional work to the contract nor does this document infer that the contractor will be compensated for the work performed)

Contractor	WSGEI
Contractor (Foreman's Signature)	
Contractor Extra Work #	CR323
Cost Code	CR244.1
Time Begin (Consigli Signature Required)	
Time Complete (Consigli Signature Required)	
Work Performed	OT FOR CFI W22 EEC BULK ERO (PHASE I E ONLY)
Manpower	22 hrs
Materials	SEE ATTACHED

FOR OFFICE USE ONLY

Comments	H.R. SKANSKA 1/25/22		
Category (Check One)	<input type="checkbox"/> Internal	<input type="checkbox"/> Owner	<input type="checkbox"/> Backcharge
Status (Check One)	<input type="checkbox"/> Rejected	<input type="checkbox"/> Accepted	<input type="checkbox"/> Pending
Reference drawing or specification section:			

White: PM

Yellow: Contractor Copy

Pink: Remains

WAYNE J. GRIFFIN ELECTRIC INC. 116 HOPPING BROOK ROAD HOLLISTON, MA 01746 TEL: 508-429-8830 FAX 508-429-7825				WORK AUTHORIZATION				Check one:	
Consigli 72 Summer Street Milford MA, 01757				Overtime for RFI 582 Electric Boiler EPO Note this is only phase 1 E building EPO				<input checked="" type="checkbox"/> Time & Material	
PREWORK AUTHORIZATION AUTHORIZED SIGNATURE:				Chris Weber, VIA EMAIL DATED 1/3/2022 Date: 1-3-22				<input type="checkbox"/> Service Division <input type="checkbox"/> Other - Specify <input type="checkbox"/> Emergency Call <input type="checkbox"/> Customer PO	
YOU ARE HEREBY AUTHORIZED TO PERFORM THE ABOVE ADDITIONAL WORK UNDER THE SAME CONDITIONS AS SPECIFIED IN THE ORIGINAL CONTRACT PROPOSAL UNLESS OTHERWISE STIPULATED.									
MATERIAL AND LABOR BREAKDOWN									
	Reference CR323								
200'	3/4 EMT			20	3/4 mini EMT support				
	10 EMT connector			50	tek screws				
	25 EMT coupling								
200'	Black #12 THHN								
200'	White #12 THHN								
200'	Green #12 THHN								
4	4" square								
1	4" blank plates								
3	EPO shut off								
TIME AND LABOR RECORD									
Worker:	Date:	Hours:	Worker:	Date:	Hours:	Worker:	Date:	Hours:	
Erik P. Brown	1/10/2022	8							
Erik P. Brown	1/11/2022	8							
Jeremiah Kimball	1/19/2022	2							
Erik P. Brown	1/24/2022	4							
								Total Man Hours 22	
Electronic copy on file								DATE: The Labor and materials listed above are accurate and the work was completed satisfactorily	

Jeremiah Kimball

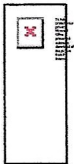
From: Weber, Chris <cweber@consigli.com>
Sent: Wednesday, January 5, 2022 1:41 PM
To: Wayne Pease; Jeremiah Kimball
Cc: Samya, Kevin; LaMarre, John; McWilliams, Chuck; DeRosa, Thomas; Dockendorf, David
Subject: FW: RFI: #582: Electric Boiler Emergency Disconnect Switch (Building E/B) (PJK RFI #75)

Note: This email originated outside Wayne J. Griffin Electric. Use caution with replies, links and attachments. Please forward any suspicious looking email to spamcatcher@wjgei.com.

Wayne/Jeremiah,

Please take this as authorization to proceed with the F&I of boiler emergency disconnect as specified in RFI-582 response below. Please reference CR323 for tracking. Please confirm order being placed ASAP and confirm lead time and ROM estimate for completion of work.

Thanks



Chris Weber
Project Manager
m: 774.573.4072
 [consigli.com](mailto:cweber@consigli.com)

From: Kevin Samya (Consigli Construction Co., Inc.) <Consigli_Notifications@procoretech.com>
Sent: Wednesday, January 5, 2022 10:18 AM
To: Weber, Chris <cweber@consigli.com>
Subject: FW: RFI: #582: Electric Boiler Emergency Disconnect Switch (Building E/B) (PJK RFI #75)

Arlington High School



More details: [View online](#)  [View PDF](#)

From: Kevin Samya (Consigli Construction Co., Inc.)
Date: Wednesday, January 5, 2022 at 10:18 am EST
Sent To: Kim Beagan (Wayne J. Griffin Electric Inc.)
Alyx Carlile (P.J. Kennedy & Sons)
Patrick Condon (Consigli Construction Co., Inc.)

Consigli Owner Monthly Dashboard

February 2022

Arlington High School

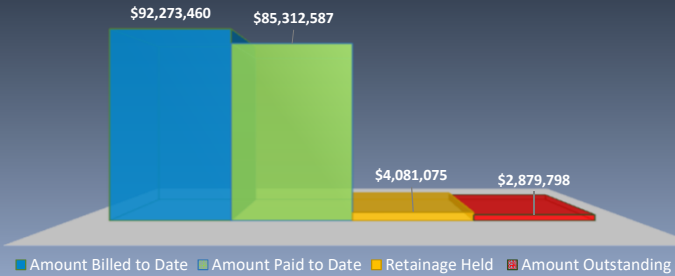
869 Mass Ave. Arlington, MA



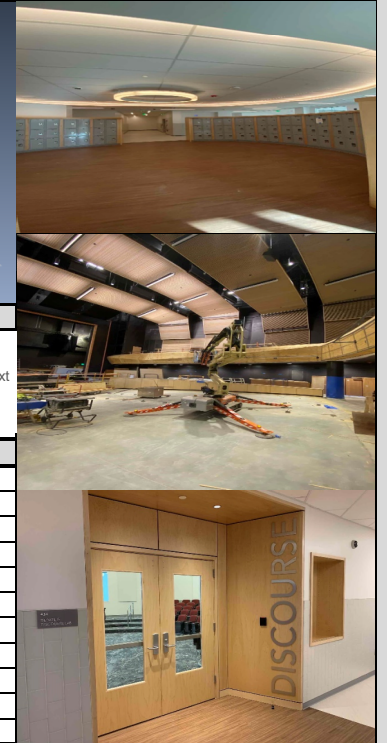
Executive Overview

- Temporary Certificate of Occupancy (TCO) scheduled for 2/11/22, and was achieved on 2/10/22, (1) day ahead of schedule. Move in from existing to new was completed February vacation. Phase 1 will open as scheduled on 02/28/22. Currently a portion of the millwork finishes in the auditorium are exceeding the occupancy date. At this time the completion in the first week in April 2022 remains on schedule.
- Supply chain material & transportation continue and work arounds continue to be implemented without compromising the design. Current materials; casework, exterior door card reader access, production lab sound equipment, theatrical lights, acoustic wood doors, appliances, lighting controls. The installations will be scheduled so as not to impede the school but timely as possible.
- Auditorium: Stage floor, rigging, and pit filler platforms installations were completed. Millwork continues. Seating & stage curtains are fabricated and will be installed late March. Phase 1 punch list continues. Landscaping and hardscaping will commence in the spring. Phase 2: The school move out from Fusco to Collumb has been completed, and the trash out of the existing school is underway. It is critical for the be performed as schedule for the commencement of asbestos abatement. Site preparation is well underway for the installation of existing

Billing Status



Progress Pictures



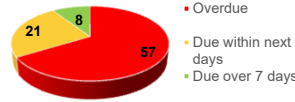
Safety

Current Project Safety Score	97.80%
Total Man Hours to Date	312,822
Incidents to Date/ Month	0

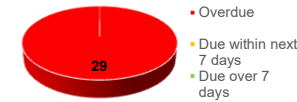
Workforce Reporting

Minority Participation	20.61%
Women Participation	3.00%
Local Participation	N/A

Submittal Response Status



RFI Response Status



Schedule

Project Milestones	Target	Actual
Permanent Power to Phase 1	8/13/2021	11/19/2021
State Elevator Inspection	2/2/2022	2/2/2022
Complete Controls Checkout - Bldg. D	1/22/2022	2/8/2022
Install Distribution Panels - Bldg. E (Ant. Delivery 1/14/21)	1/18/2022	1/18/2022
Completion of Phase 1 (TCO)	2/11/2022	2/10/2022
Completion of Phase 1 - Auditorium	4/4/2022	
Begin Phase 2 Abatement	3/7/2022	
Eversource Disconnect Existing Power	3/14/2022	
Completion of Phase 2	10/3/2023	
Completion of Phase 3	10/2/2024	

Roadblocks

Item	Resolution	BIC
#1487 - Eversource Power to transformer #3	11/30/2022	Skanska
#1717 - ASI-204 - Added Low Walls Art Rooms Bldg E	1/25/2022	Consigli

Contract Status

Original Contract Amount	\$234,562,347
Approved Change Orders	\$771,986
Current Contract Amount	\$235,334,333
Percent Complete	99.38%
Buyout Bust / Savings	\$832,341
Buyout Bust / Savings %	0.01%

Change Orders

Verbal Approved	\$187,364
Submitted	\$251,750
Pending	\$1,063,487
Total Potential Changes	\$1,502,601
Projected Contract Amount	
With Potential Changes	\$236,836,934

Hold Status

Original Hold Budget	\$3,931,389
Expended to Date	\$1,573,258
Remaining Holds	\$2,358,131

Contingency Status

Original Cont. Value	\$6,967,419
Expended to Date	\$1,153,820
Remaining Contingency	\$5,813,599

Allowance Status

Original Allow. Budget	\$4,321,945
Expended to Date	\$202,235
Remaining Allowance	\$4,119,710

Arlington High School Building Committee
Minutes

Meeting Date: **Tuesday, February 1, 2022, 6:00 p.m.**

Location: **Conducted via Remote Participation**

Committee members: Jeff Thielman, School Committee Representative, Chair
Elizabeth Homan, Superintendent, Co-vice chair
Adam Chapdelaine, Town Manager, Co-vice chair
Kirsi Allison-Ampe, School Committee Representative
Francis Callahan, Community Member Representative
John Cole, Former Chair, Permanent Town Building

Committee

Tobey Jackson, Community Member Representative, absent
Matthew Janger, AHS Principal, absent
Ryan Katofsky, Community Member Representative
Brett Lambert, PTBC Representative
Kate Loosian, Community Member Representative
Michael Mason, APS Chief Financial Officer, absent
William McCarthy, AHS Assistant Principal, absent
Judson Pierce, Community Member
Sandy Pooler, Deputy Town Manager
Paul Raia, Disabilities Commission Representative
Jim Feeney, Asst Town Manager, Town of Arlington, absent
Amy Speare, Community Member Representative
Shannon Knuth, Teacher Representative
Kent Werst, Teacher Representative
Talia Fox, Town employee

Also present: Jim Burrows, Victoria Clifford, Skanska
Lori Cowles, Arthur Duffy, HMFH Architects, Inc.
John LaMarre, Consigli Construction
Karen Fitzgerald, AHSBC Recording Secretary

Jeff Thielman opened the meeting at 6:02 p.m. and summarized the open meeting law due to the governor's order dated March 12, 2020 on meetings by remote participation via Zoom.

Mr. Thielman announced that this was the last meeting before students move into the new high school and the first meeting without member Brian Rehrig who recently passed away. A moment of silence was held for Brian Rehrig.

Skanska

Jim Burrows, Victoria Clifford, and Lori Cowles echoed sentiments made by Jeff in honor of Brian Rehrig. They spoke on the work of this committee and a collective team effort for everyone involved to get where to this point on the project.

Consigli Update

John LaMarre said everything is coming together even with all the obstacles due to Covid, transportation issues, and the recent blizzard.

John summarized the monthly update: the emergency generator arrived and tested, the elevator is scheduled to be tested tomorrow, and the plumbing and electrical system scheduled to be tested at the end of the week. Inspection and Fire Department walkthroughs will happen next week too. The TCO (Temporary Certificate of Occupancy) will be given on the 02/11/22. As of this Phase 1 update some issues are still being dealt with but still pieces and parts are all coming together. John answered question about being on schedule.

John presented a slide which showed three pictures of the 3rd floor lobby, auditorium, and STEAM wing classroom. John reported out on the workforce goals and meet with Frank Callahan to discuss the workforce reporting and numbers on hiring of subcontractors.

- The auditorium will be ready to be turned over the first week of April.
- Supply chain material & transportation are still impacting product delivery; casework, production equipment, theatrical lights, acoustic wood doors, appliances, flooring, room lighting controls and entry mats are scheduled to arrive prior to school opening.
- Site preparation, sidewalks, curbing. Millwork install in auditorium continues, final painting, final cleaning and punch list continue throughout Buildings D & E.

Ryan asked how the HVAC testing was working out so far and John responded that the units are up and running.

Subcommittee Updates

- ◆ Communications - Amy Speare said the AHS Building Committee will meet at 10:30 a.m. for a brief event at the front door of AHS on February 28, and Matthew Janger will say a few words outdoors, and invite AHS Building Committee members, School Committee, Select Board and State Officials. We will also invite Arlington Advocate and ACMI. The subcommittee will work toward a ceremonial event when the auditorium opens in April. Tours are on hold and recent forums held have been recorded and can be found on the website.
- ◆ Finance - no report
- ◆ Interiors –no report
- ◆ Landscape & Exteriors no report
- ◆ Memorials – Bill McCarthy will be setting up a time capsule for current students. He also found additional materials he will save and display in the new building.
- ◆ SMEFPF - no report
- ◆ Security – Liz Homan met with subcommittee and discussed training on fire protection, cameras, and working with American Alarm.
- ◆ Temp Use-Phasing subcommittee met discussed the move, how it will be managed, and informed all teachers on the move. Liz Homan appreciates the work of this committee and is grateful with the construction team on a job well done.

Meeting Minute Approval

- ◆ AHS Building Committee, January 4, 2022

On a **motion** by Frank Callahan, seconded by Adam Chapdelaine, it was voted to approve the minutes of January 4, 2022.

Roll Call: Liz Homan Yes, Adam Chapdelaine Yes, Kirsi Allison-Ampe Yes, Frank Callahan Yes, John Cole Yes, Tobey Jackson Yes, Ryan Katofsky Yes, Brett Lambert Yes, Kate Loosian Yes, Bill McCarthy Yes, Judson Pierce Yes, Sandy Pooler Yes, Amy Speare Yes, and Jeff Thielman Yes.

On a **motion** by Adam Chapdelaine, seconded by Bill McCarthy it was voted to adjourn at 6:39 p.m.

Roll Call: Liz Homan Yes, Adam Chapdelaine Yes, Kirsi Allison-Ampe Yes, Frank Callahan Yes, John Cole Yes, Tobey Jackson Yes, Ryan Katofsky Yes, Brett Lambert Yes, Kate Loosian Yes, Bill McCarthy Yes, Judson Pierce Yes, Sandy Pooler Yes, Amy Speare Yes, and Jeff Thielman Yes.

Submitted by Karen Fitzgerald
Executive Assistant and Recording Secretary
Arlington High School Building Committee 2/24/22